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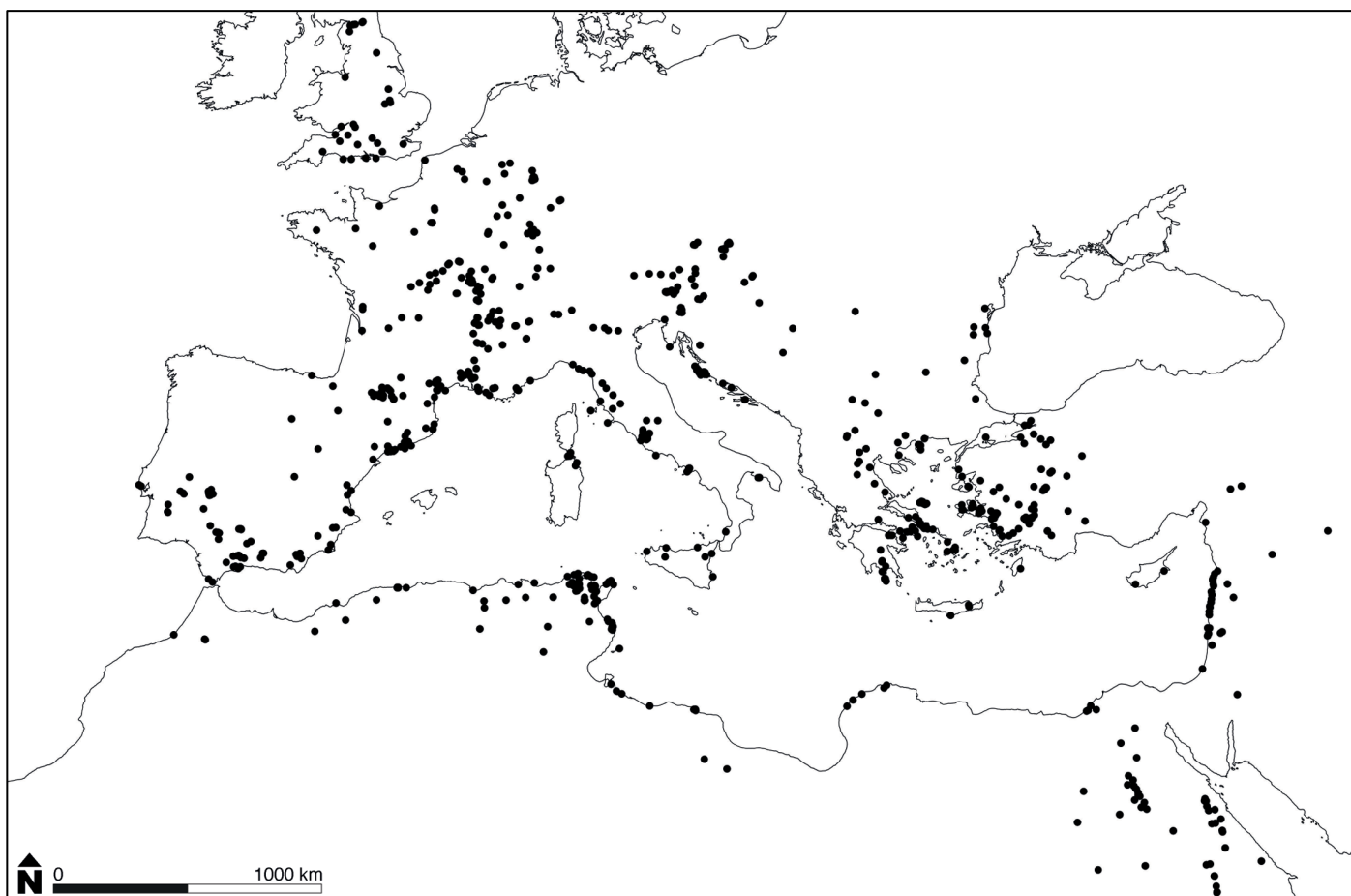
# Gazetteer of Stone Quarries in the Roman World

Version 1.0 (2013)

Hosted by the Oxford Roman Economy Project: [www.romaneconomy.ox.ac.uk](http://www.romaneconomy.ox.ac.uk)

Ben Russell

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The following gazetteer of quarrying sites includes all those quarries at which activity in the Roman period is proven or suspected; where the chronology is not clear this fact is noted in the description. Such a catalogue is clearly far from exhaustive. It does not include, for example, any newly identified quarries published in the most recent ASMOSIA volume, though it does include references in this volume to quarries already incorporated into the gazetteer are noted.<sup>1</sup> In practice, every urban centre in the Roman Empire, in addition to many rural sites, had one or more local quarries from which they extracted the bulk of their stone. The majority of these local quarries, however, are unexplored and unpublished. There must be hundreds if not thousands of other quarries that have yet to be documented. The aim of this catalogue, therefore, is to draw attention to those quarries that are known about. It is not a complete record but it is hoped that it might form the basis for future research. In this sense it is intended to build on and update some of the existing broader surveys of Roman quarrying, like those produced by Dworakowska and Braemer.<sup>2</sup>

Where possible the sites are quarries that have been identified as ‘Roman’. In some cases, however, it has been necessary to include sites at which stone was obviously quarried in the Roman period even if no traces of this activity survive. In Britain, for example, analysis of built structures clearly indicates where stone was quarried despite

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<sup>1</sup> Gutiérrez, Lapuente, and Rodà 2012.

<sup>2</sup> Dworakowska 1983; Braemer 2004.

the fact that later activity, especially in the Medieval period, has largely eradicated all traces of ancient quarrying.

Coordinates in decimal degrees have been included to allow these sites to be mapped on the Oxford Roman Economy Project website ([www.romaneconomy.ox.ac.uk](http://www.romaneconomy.ox.ac.uk)) and so that future researchers can find them. Since few major studies actually incorporate coordinates, it has been necessary to find the overwhelming majority of those listed from scratch. Google Earth has proved an invaluable tool in this regard. Despite this, most of the listed coordinates refer only to the closest named modern settlement or the approximate area of the quarry. It is hoped that most of these are accurate to within 1 km<sup>2</sup> but this level of accuracy is not always possible when working from often vague descriptions. The Roman provinces given are those of AD 117; their boundaries are taken from the *Barrington Atlas of the Greek and Roman World*. When it is unclear which province a quarry was in the options are given (for example, Aquitania / Narbonensis).

When it comes to materials, the descriptions of the lithotypes extracted at each quarrying site are deliberately broad. In most cases the stone is described simply as marble (white/grey or polychrome), limestone (with polychrome limestone distinguished), sandstone, tuff, alabaster or granite. Occasionally more detailed descriptions are provided in those cases where the stone has been analysed or a local name for the material is known. However, in most cases the publications of these sites provide few specifics. A useful resource for finding out more about decorative stones is the Corsi Collection of Decorative stones at the Oxford University Museum of Natural History which has been beautifully published online by Monica Price and Lisa Cooke: [www.oum.ox.ac.uk/corsi](http://www.oum.ox.ac.uk/corsi).

As well as serving as a research tool, this gazetteer is designed to accompany a forthcoming monograph on the Roman stone trade.<sup>3</sup> Full discussion of the overall distribution and chronology of the quarries listed in this gazetteer can be found in Chapter 3 of this book.

The gazetteer provided in this document is Version 1.0 of the digital resource on the Oxford Roman Economy Project website. As such it should be cited as follows:

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The intention is to update this resource over time. Comments and further data are very welcome, especially those relating to the specific lithotypes quarried at these sites or their exact locations. The author can be contacted at [quarry.gazetteer@gmail.com](mailto:quarry.gazetteer@gmail.com).

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<sup>3</sup> Russell forthcoming.

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Aba Vela	43.938661	15.164293	In the Zadar islands	Croatia	Dalmatia	Limestone, used locally	Škegro 2006: 161-162
Abdera	40.949722	24.983056	Just north of Abdera	Greece	Macedonia	White marble, used locally	<i>TIR</i> Philippi 35
Abkuk	37.279444	27.582500	Between villages of Abkuk (ancient Basilicus) and Asin (ancient Iasos),	Turkey	Asia	Red-pink and white marble ( <i>cipollino rosso</i> ), used locally and exported regionally and inter-regionally	Mielsch 1985: 46; Gnoli 1988: 243-245; Monna and Pensabene 1977: 109-113; Andreoli <i>et al.</i> 2002
Abu Ras	30.968888	29.651111	On the coast just north of the western end of Lake Mareotis, west of Alexandria	Egypt	Aegyptus	Limestone, used locally	J. Röder 1967; Klemm and Klemm 2008: 36-39
Acque Albule	41.954722	12.745833	Near ancient Tibur	Italy	Italia I	Travertine, used locally	Mari 1991; Veloccia Rinaldi 1991
Adloun	33.403278	35.273498	16 km north of Tyre	Lebanon	Syria	Gypsum, limestone and sandstone, used locally in the Roman period	Badawi 2002
Aegina	37.753611	23.426389	North of Aegina	Greece	Achaia	Limestone, used locally	Barrington Atlas 59 (A3)
Aetos	38.011532	24.446553	South-eastern Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Mielsch 1985: 58; Gnoli 1988: 181-183; Lambraki 1980: 31-62; Hankey 1965; Pensabene 1998b; Sutherland and Sutherland 2002; Tsoflias 1982; Chidioglou 2009
Agios Minas	37.082500	25.200278	Central Paros	Greece	Achaia	White marble (Paros-3), used locally and exported regionally and inter-regionally	Lepsius 1890; Herz 2000; Schilardi 2000
Agios Nikolaos	35.188056	25.717222	Eastern Crete	Greece	Creta et Cyrene	White-grey marble, used locally	Harrison 1990
Agios Pneuma	40.952222	23.794444	Near Amphipolis	Greece	Macedonia	Marble, used locally	<i>TIR</i> Philippi 18
Agrileza	37.738056	24.053611	Near Thorikos, Attica	Greece	Achaia	Marble, used locally	Higgins and Higgins 1996
Ahmetli Köyu	38.058740	27.395540	13 km north of <i>Ephesos</i>	Turkey	Asia	White marble, used locally	Prochaska and Grillo 2009; Yavuz, Bruno and Attanasio 2011
Aime	45.557103	6.653404	South-east of Lake Geneva	France	Alpes Graiae et Poeninae	White marble, used locally, perhaps regionally	Braemer 1992
Ain Demna	37.234444	9.993889	East of Bizerte	Tunisia	Africa Proconsularis	Sandstone, used locally	Slim <i>et al.</i> 2004: 197
Ain el Merja	37.257368	10.040147	Near Cap Zebib	Tunisia	Africa Proconsularis	Sandstone, used locally	Slim <i>et al.</i> 2004: 201
Ain el-Ksir	36.492500	8.576667	3 km from Chemtou	Tunisia	Africa Proconsularis	Black marble ( <i>nero antico</i> ), used locally, perhaps regionally	Lazzarini and Sangati 2004: 76-77; Lazzarini, Agus and Cara 2006

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Ain-Schkor	34.073056	-5.553611	Near Volubilis	Morocco	Mauretania Tingitana	Sandstone, used locally	Feray and Paskoff 1966; Dworakowska 1983: 13-14
Ain-Smara	36.357222	6.618611	Close to Constantine	Algeria	Numidia	Several varieties of alabaster ( <i>alabastridi Constantina</i> ), used locally and exported regionally	Toubal 1995: 57-61
Akhisar	38.918889	27.837500	Ancient Thyatira	Turkey	Asia	A variety of banded alabaster similar to Egyptian onyx, used in Archaic period and later, and exported in Roman period; and a fine-grained grey-white marble, used locally in the Roman period	Colak and Lazzarini 2002
Akrini	40.433256	21.903597	South-west of Aigeai, near Kozani	Greece	Macedonia	Multi-coloured marble breccia ( <i>breccia policroma della Vittoria</i> ), used locally and exported inter-regionally	Lazzarini 2007: 245-252
Akte	37.932778	23.637222	In the Piraeus, Attica	Greece	Achaia	Soft white limestone, used locally	Mauzy 2006: 46
Albox	37.389722	-2.147500	North-east of Macael	Spain	Tarraconensis	Travertine, used locally	Canto 1977-1978
Alconera	38.396389	-6.476389	Near Badajoz	Spain	Baetica	Three varieties of marble, one black ( <i>negra pinta</i> ), one grey ( <i>gris pinta</i> ), and one similar to <i>pavonazzetto</i> ( <i>serrancolin</i> ), as well as a pink limestone ( <i>rosa ajamonado</i> ), all used locally and exported regionally	Canto 1977-78: 178; Grünhagen 1978: 304
Aldborough	54.091526	-1.380744	Near Boroughbridge, west of York	Britain	Britannia	Limestone, used locally	Pearson 2006
Alhaur de la Torre	36.663611	-4.561667	Near Alhaurín de la Torre, Malaga province	Spain	Baetica	Marble, used locally in the Roman Imperial period and probably expored regionally	Cisneros Cunchillos 1988
Alhaur el Grande	36.642222	-4.689444	Near Alhaurín el Grande, Malaga province	Spain	Baetica	Marble, used locally in the Roman Imperial period and probably expored regionally	Cisneros Cunchillos 1989
Alika	36.461111	22.439167	On the Mani Peninsula, near Kyparissos	Greece	Achaia	Dark-grey or black limestone, used locally in the Roman Imperial and probably exported regionally	Bruno and Pallante 2002
Aliki	40.603056	24.741667	On the southern coast of Thasos	Greece	Macedonia	White marble (marmor thasium or Thasos-1) with large reflective crystals, widely exported throughout antiquity	Gnoli 1988: 262-263; Mielsch 1985: 61; Dworakowska 1975; Dworakowska 1983; Herz 1988; Kozelj <i>et al.</i> 1981; Kozelj <i>et al.</i> 1982; Kozelj <i>et al.</i> 1985; Herrmann 1990

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Almadén de la Plata	37.873333	-6.079722	55 km north-west of Seville	Spain	Baetica	Various types of marble - white, blue-grey and pink - used regionally throughout the Roman period	Canto 1977-1978; Rodríguez <i>et al.</i> 2012 ó
Almándo	43.091061	1.605453	31 km north of Pamplona	Spain	Tarraconensis	Grey-blue marble, used locally in the Roman period	Martínez-Torres <i>et al.</i> 2012
Alsóörs	46.992982	17.972974	On the northern shore of Lake Balaton	Hungary	Pannonia Superior	Red sandstone, used locally in the Roman Imperial period	Palágyi and Raucsik 2009
Altenhof	49.765248	6.619683	Just west of Trier	Germany	Belgica	Granite, used locally in the Roman Imperial period	Bedon 1984: 50
Altintas	39.057500	30.110000	In the Upper Tembris valley, 50 km north-west of Iscehisar, Phrygia	Turkey	Asia	White-grey marble, used locally in the Roman Imperial period	Buckler <i>et al.</i> 1928: 22-23; Lazzarini <i>et al.</i> 1985: 50; Waelkens, de Paepe and Moens 1986
Ambrault	46.798333	1.941111	South-west of Bourges	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 61; Coulon and Tardy 1997
Ammaedara	35.496154	8.367557	Between Ammaedara and Theveste	Algeria	Numidia	Limestone; used locally in the Roman Imperial period	Gsell 1911: 29.132
Ancaster	52.982885	-0.536092	Southern Lincolnshire	Britain	Britannia	Limestone; used locally in the Roman Imperial period and exported regionally	Blagg 1990
Angertal	47.283668	13.017347	In the upper Enns valley	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997
Annonay	45.240702	4.663266	South of Lyon, north-west of Valence	France	Narbonensis	Granite; used locally in the Roman Imperial period	Bedon 1984: 33
Antic Camí de Sant Salvador	42.104302	1.028558	Near Isona	Spain	Tarraconensis	Limestone, used locally in the Roman period	Gutiérrez 2009: 82–4
Antioch	36.207500	36.011111	Modern Antakya, Hatay province	Turkey	Syria	Limestone; used locally in the Roman Imperial period and earlier	Dworakowska 1983: 13
Antoger	45.719470	5.915088	Aix-les-Bains, south of Seyssel	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 59
Antully	46.902927	4.410612	South of Autun	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 35, 119
Aphrodisias (City Quarries)	37.725556	28.741667	2 km north-east of Aphrodisias, Karia	Turkey	Asia	White marble, used locally throughout the Roman period	Monna and Pensabene 1977: 89-101; Gnoli 1988: 264; Dworakowska 1983; Rockwell 1996; Ponti 1996; Lazzarini <i>et al.</i> 2002b

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Apiranthos	37.083889	25.533333	Central Naxos	Greece	Achaia	White marble, used locally and exported regionally, sometimes inter-regionally, throughout antiquity	Attanasio 2003: 184
Apollonas	37.181866	25.550643	North-eastern point of Naxos	Greece	Achaia	White marble, used locally and exported regionally, sometimes inter-regionally, throughout antiquity	Dwarakowska 1971
Apollonia	32.901667	21.968889	Just north of Cyrene	Libya	Creta et Cyrene	Limestone; used locally in the Roman Imperial period	Personal observation
Arab el-Atiat	27.318888	31.051388	20 km north-west of Assiut	Egypt	Aegyptus	Yellow-grey limestone; used locally in the Ptolemaic and Roman period	Klemm and Klemm 2008: 109-110
Arcueil	48.807035	2.335816	South of Paris	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 54, 73
Ardiège	43.069722	0.642500	South of St-Gaudens	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 64, 149
Arguénos	42.970833	0.723889	South of Aspet	France	Aquitania	Marble; used locally in the Roman Imperial period and possibly regionally	Bedon 1984: 65-66
Argut-Dessus	42.889444	0.719167	South-east of Saint-Béat	France	Aquitania	Marble; used locally in the Roman Imperial period and possibly regionally	Bedon 1984: pl. 10
Arou Djaoud	36.557522	2.053343	Near Cherchel	Algeria	Mauretania Caesariensis	Granite; used locally in the Roman Imperial period	Leveau 1984: 303
Arroyo de Pedroches	37.907325	-4.757565	East of Corduba	Spain	Baetica	Limestone, used locally in the Roman period	Gutiérrez Deza 2012
Arroyo del Puerco	37.675728	-5.656936	Various sites to the south of Munigua	Spain	Baetica	Limestone, used locally in the Roman period	Schattner and Ovejero 2008
Artés	41.798593	1.954452	North of Manresa, Barcelona province	Spain	Tarraconensis	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Gutiérrez 2009: 253
Asagi Cuma	39.250833	27.091667	Near Kozak, 30 km from Pergamon in Mysia	Turkey	Asia	Granite (granito misio); used locally from Hellenistic period	Lazzarini and Sangati 2004: 76; Lazzarini 1992: 66
Asin	37.279444	27.582500	Ancient Iasos in Karia	Turkey	Asia	Red marble (rosso brecciato or iassense brecciato) with shades of grey and black, blue-grey veins and large white crystalline inclusions; used locally in the Roman Imperial period and exported inter-regionally in small quantities	Gnoli 1988: 244-245; Mielsch 1985: 46; Monna and Pensabene 1977: 109-113
Asnières-lès-Dijon	47.385304	5.044668	Near Dijon	France	Germania Superior	Limestone; used locally in the Roman Imperial period	Bedon 1984: 54, 90

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Assos	39.491111	26.335278	Modern Behramkale in the southern Troad	Turkey	Asia	Maroon-red andesite (lapis sarcophagus) used locally and exported inter-regionally as sarcophagi in the Roman period	Koch 1993: 172-173; Serdaroğlu 1990
Aswan	24.101388	32.887500	Ancient Syene, 3 km north-west of Elephantine	Egypt	Aegyptus	Two varieties of granite, the most prevalent being pink-red with grey-white flecks (granito rosso di siene or sienite), the other black (granito nero di Siene), and sandstone; exported regionally from Pharaonic period and inter-regionally in Roman period	Mielsch 1985: 67; Gnoli 1988: 145-148; Lazzarini 1987b, 156; J. Röder 1965; Lucas and Harris 1962: 58; Klemm and Klemm 2008: 206-212, 233-267
Atarfe	37.226106	-3.716423	10 km north-west of Granada	Spain	Baetica	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1989–90
Aubert	42.966944	1.100833	St Giron, in the French Pyrenees, in the valley of Lez, 4 km from Saint Giron, in an area called the Trou de l'Oubli	France	Aquitania	Black and white marble (bianco e nero antico or marmo di Aquitania); expored regionally in the Roman Imperial period and to Rome later	Mielsch 1985: 57; Gnoli 1988: 196-199; Braemer 1971: 170; Braemer 1984: 57-72; Bedon 1984: 66
Auerbach	49.705771	8.630317	18 km south of Darmstadt	Germany	Germania Superior	Marble, exported regionally in the Roman period	J. Röder 1992
Aurignac	43.216944	0.881389	North-west of Boussens	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 64
Aurisina	45.750556	13.675000	Just north of Trieste	Italy	Italia X	Marble (marmo di Aurisina); used locally in the Roman Imperial period, notably at nearby Trieste (Tergeste) and Aquileia	Braemer 2004; Bertacchi 1989; Lopreato 1989: 25-28; Maselli Scotti 1989: 29-33
Autun	46.949899	4.299252	North-west of Lyon, in central Saône-et-Loire	France	Lugdunensis	Schist; used locally in the Roman Imperial period	Bedon 1984: 54
Aya Klıkiri	38.084130	27.519870	23 km north-east of Ephesos	Turkey	Asia	White marble, used locally and perhaps regionally in the Roman period	Yavuz, Bruno and Attanasio 2011
Aymavilles	45.702621	7.246867	Near Aosta	Italy	Alpes Graiae et Poeninae / Italia XI	Grey-blue veined marble, similar to <i>bardiglio</i> , used locally in the Roman period	Betori, Gomez Serito and Pensabene 2009
Azmak Tepe	38.529122	26.585344	On the Karaburum peninsula	Turkey	Asia	Pink-red and white marble ( <i>breccia corallina</i> ), perhaps exported regionally in the Roman period	Bruno <i>et al.</i> 2012
Baalbek	34.006667	36.204167	Ancient Heliopolis	Lebanon	Syria	Limestone; used locally in the Roman Imperial period	Dworakowska 1983: 13; Ruprechtsberger 1999



Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Baba Dağ	37.715063	28.922675	17 km east of Aphrodisias	Turkey	Asia	Grey and white marble, used locally in the Roman period	Long 2012
Babadag	44.892523	28.711461	Near Babadag Lake	Romania	Moesia Inferior	Limestone; used locally in the Roman Imperial period	Rădulescu 1972
Bad Deutsch Altenburg	48.132052	16.91305	Just east of Carnuntum, Austria	Austria	Pannonia Superior	Limestone	Pivko 2012
Bafa Gölü	37.501667	27.527500	Near ancient Heracleia-on-Latmos	Turkey	Asia	Fine- to coarse-grained, white marble often with blue or grey bands; used locally from Archaic period	Peschlow-Bindoket 1981; Attanasio 2003: 180
Bahariya Oasis	28.334166	28.867222	Just south of El-Bawiti, Western Desert	Egypt	Aegyptus	Fine-grained sandstone; used locally from at least the Ptolemaic period	Klemm and Klemm 2008: 327-328
Bahig	30.951111	29.584167	At the western end of Lake Mareotis	Egypt	Aegyptus	Limestone; used locally in the Roman Imperial period and possibly also in the Ptolemaic period	J. Röder 1967; Klemm and Klemm 2008: 36-39
Balatonalmádi	47.025876	18.014431	On the north side of Lake Balaton	Hungary	Pannonia Superior	Red sandstone; used locally in the Roman Imperial period	Palágyi and Raucsik 2009
Balatonrendes	46.830062	17.584235	On the north side of Lake Balaton	Hungary	Pannonia Superior	Red sandstone; used locally in the Roman Imperial period	Palágyi and Raucsik 2009
Balboura	36.986014	29.620061	In Lykia, north-east of modern Fethiye	Turkey	Lycia et Pamphylia	Grey-white limestone; used locally in the Roman Imperial period	Money 1990
Balıklıova	38.425684	26.581653	On the Karaburum peninsula	Turkey	Asia	Orange-red and white marble ( <i>breccia corallina</i> )	Bruno <i>et al.</i> 2012
Barbazan	43.032778	0.625556	East of St-Bertrand	France	Aquitania	Marble; used locally in the Roman Imperial period	Bedon 1984: 64, 66
Barcombe Down	54.991111	-2.360833	Near Vindolanda, Northumberland	Britain	Britannia	Limestone; used locally in the Roman Imperial period, notably for construction along Hadrian's Wall	Pearson 2006; Collingwood and Wright 1965
Bard-Le-Régulier	47.143579	4.313318	North of Autun	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 84
Barnack	52.631944	-0.407222	Southern Lincolnshire	Britain	Britannia	Limestone; used locally in the Roman Imperial period and exported regionally	Blagg 1990
Barousse	42.967222	0.565556	South of St-Bertrand	France	Aquitania	Marble; used locally in the Roman Imperial period	Costedoat 1995b

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Barranc de La Llet	40.795998	0.535382	Just south of Tortosa	Spain	Tarraconensis	Dark golden yellow limestone ( <i>broccatello</i> ) with shades of pink, red and white-grey; exported as far as Rome in the Roman Imperial period	Mielsch 1985: 42-43; Álvarez Pérez 1992; Álvarez <i>et al.</i> 2009a: 74-9; Gutiérrez 2009: 231-45
Barutel	43.863157	4.275758	7 km north-west of Nîmes	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 31, 84
Barxeta	39.021345	-0.412450	50 km south of Valencia	Spain	Tarraconensis	Pinkish-yellow Buixcarró limestone, exported regionally in the Roman period	Álvarez <i>et al.</i> 2009a: 26-31
Basècles	50.526462	3.648263	Between Lille and Charleroi	Belgium	Belgica	Black limestone; used locally and exported regionally in the Roman period	Groessens 1991
Bath	51.361111	-2.356389	Probably at Combe Down	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Pearson 2006; Stanier 2000: 13
Batroun	34.248787	35.663454	At Batroun (ancient Botrys)	Lebanon	Syria	Sandstone; used locally in the Roman Imperial period	Badawi 2002
Bavay	50.291408	3.794352	South-West of Charleroi	Belgium	Belgica	Black limestone; exported regionally in the Roman Imperial period, especially to the Rhineland	Braemer 1982: 82; Groessens 1991
Beaucaire	43.811111	4.636111	Near Tarascon, north of Arles	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 32, 58
Bédarieux	43.615000	3.157778	North of Béziers	France	Narbonensis	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 33
Beirut	33.894225	35.488171	In and around Beirut	Lebanon	Syria	Gypsum, limestone and sandstone, used locally in the Roman period	Badawi 2002
Belbèze	43.133056	1.025556	South-east of Boussens	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 63, 77
Belevi	38.010000	27.454722	Just north of Ephesos	Turkey	Asia	Several varieties of white to grey marble, used locally throughout antiquity and perhaps exported regionally or inter-regionally in the Roman period	Alzinger 1966-1977: 61; Monna and Pensabene 1977: 127-144; Attanasio 2003: 174; Prochaska and Grillo 2009; Yavuz, Bruno and Attanasio 2011
Bellerberg	50.352821	7.231721	Just north of Mayen	Germany	Germania Superior	Basalt; used locally in the Roman Imperial period	Bedon 1984: pl. 1
Beni Hassan	27.918056	30.868333	25 km south of Minia	Egypt	Aegyptus	Grey-white limestone; used locally from the Pharaonic to Byzantine period	Klemm and Klemm 2008: 77-81

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Beni Suef	29.073889	31.100833	On the Nile near the Fayum	Egypt	Aegyptus	Alabaster; used locally in the Pharaonic period and later; probably exported at least regionally in Roman Imperial period	Klemm and Klemm 1993
Berici Mountains	45.423843	11.471431	South of Vicenza	Italy	Italia X	Limestone; used locally in the Roman Imperial period	Roffia, Bugini and Folli 2009
Berkovica	43.316029	23.215786	North of Sofia	Bulgaria	Thracia	Limestone; used locally in the Roman Imperial period	Braemer 2004
Beth She'an	32.499727	35.500111	Ancient Scythopolis	Israel	Judaea	Basalt; used locally in the Roman Imperial period, notably at Scythopolis	Tsafir and Foerster 1997: 89
Beyler	38.230935	26.926279	8 km east of Teos	Turkey	Asia	Coloured breccia similar to <i>breccia di sciro</i> , used locally and probably exported in the Roman period	Turk <i>et al.</i> 1988; Bruno <i>et al.</i> 2012
Biha Assid	36.971803	9.611600	In the Northern Tell	Tunisia	Africa Proconsularis	One variety of marble and one of limestone; used locally in the Roman period	Peyras 1991: 404
Biograd	43.939379	15.445759	South of Zadar	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Bir Um el-Fawarkhir / Wadi el-Sid	26.002500	33.600278	90 km east of Quft, Eastern Desert	Egypt	Aegyptus	Fine- to medium-grained grey granite ( <i>granito del Wadi Fawarkhir</i> ), with white, black, light green and pink inclusion; exported in Roman Imperial period but never in large quantities	Mielsch 1985: 68; Gnoli 1988: 148; Lazzarini 1987b, 159; Harrell, Brown and Lazzarini 1999; Klemm and Klemm 2008: 295-297
Bir-el-Ater	34.642194	8.211676	South-east of Bir-el-Ater and west of Capsa	Algeria	Numidia / Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Gsell 1911: 40.154
Birstal	47.479173	7.607119	Just west of Augst	Switzerland	Germania Superior	Grey-white limestone; used locally in the Roman Imperial period	Staehelin 1948: 425
Blagoevgrad	42.023634	23.094311	Just south of Sofia	Bulgaria	Thracia	Marble; used locally in the Roman Imperial period	Braemer 2004
Bois de Minier	47.465232	3.256687	Just north of Entrains-sur-Nohain	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 74
Bois des Lens	43.914444	4.157778	Just west of Nîmes	France	Narbonensis	Fine white limestone; used locally in the Roman Imperial period and exported regionally	Bessac 1986a; Bessac 1996
Bois Dufour	47.578159	3.807482	South of Arcy-sur-Cure	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Bolonia	36.090929	-5.781520	Cadiz province	Spain	Baetica	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Borba	38.803611	-7.457500	Near Estremoz	Portugal	Lusitania	White marble ( <i>branco portugues</i> ); used locally in the Roman Imperial period and probably exported regionally	Dworakowska 1983: 14-15; Amores, Beltrán and González 2008: 219; Lamberto and Sá Caetano 2008
Borj el Mzaouak	35.391645	11.032127	Near Salakta	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 144
Botticino	45.536389	10.302500	Just west of Lake Garda	Italy	Italia X	White marble; used locally in the Roman Imperial period and probably regionally	Braemer 2004; David and De Michele 1999
Bou Hanifia	35.316291	0.049694	20 km south-west of Mascara	Algeria	Mauretania Caesariensis	Red and white alabaster (alabastro a pecorella), used locally and exported	Herrmann, Van den Hoek and Tykot 2012
Bouère	47.864002	-0.481464	10 km north-west of Sablé-sur-Sarthe	France	Lugdunensis	Pink and grey limestone, used locally in the Roman period	Blanc 1999
Boulouris	43.431111	6.803333	Close to Saint Raphael-Frejus, ancient Forum Julii	France	Narbonensis	Light blue-grey porphyry (porfido bigio or granito a morviglione) with white, pink, grey and blue flecks; used locally from Archaic period, exported further sporadically and then only to Rome	Mielsch 1985: 66; Gnoli 1988: 140-141; Bedon 1984
Bourdeau	45.681187	5.854477	North of Chambéry	France	Aquitania	Marble; used locally in the Roman Imperial period	Mazeran 1999
Bourg	45.039903	-0.560168	North of Bordeaux	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 35, 89
Bourges	47.083056	2.396667	In Cher, central France	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 60, 71
Bouros	38.015000	24.420833	East of Karystos on Euboea	Greece	Achaia	Schist; used locally in the Roman Imperial period and probably	Wallace <i>et al.</i> 2006: 41-43
Bracoule	43.971944	4.521944	Next to the Pont du Gard	France	Narbonensis	Limestone; used locally in the Roman Imperial period, notably for the construction of the Pont du Gard	Bedon 1984: 32
Brauron	37.926111	23.993889	Eastern Attica	Greece	Achaia	Marble; used locally from Archaic period	Higgins and Higgins 1996
Brean Down	51.323889	-3.008056	North-western Somerset	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Blagg 1990; Pearson 2006; Stanier 2000: 13

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Bu Njem	30.578056	15.413056	Ancient Gholiaia	Libya	Africa Proconsularis	Limestone; used locally in the Roman Imperial period, principally for the construction of the associated fort	Chiesa 1949: 28
Bucova	45.486679	22.679230	South of the village of Bucova and south-west of Sarmizegetusa	Romania	Dacia	White-grey marble with darker grey streaks; used locally and exported regionally between the Trajanic and Severan periods	Muller <i>et al.</i> 1999
Bülbüldağ	37.937417	27.334341	Next to the harbour of Ephesos	Turkey	Asia	Grey marble, used locally throughout the Roman period	Vetters 1990
Bulcy	47.245967	3.026982	North of Nevers	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 73, 89
Burg el-Arab (Mareotis)	30.933611	29.968889	At the western end of lake Mareotis, west of Alexandria	Egypt	Aegyptus	Limestone; used locally in the Roman Imperial period and possibly also in the Ptolemaic period	Dworakowska 1983: 10; J. Röder 1967; Klemm and Klemm 2008: 36-39
Burgbrohl	50.455706	7.272764	In the Brohl valley	Germany	Germania Superior	Tuff; used locally in the Roman Imperial period	Bedon 1984: 39
Bussoleno	45.141354	7.147460	Just east of Susa	Italy	Alpes Cottiae / Italia XI	White or blue-grey marble ( <i>Foresto marble</i> ), used locally in the Roman period	Betori, Gomez Serito and Pensabene 2009
Byblos	34.122005	35.643598	In and around Byblos	Lebanon	Syria	Gypsum, limestone and sandstone, used locally in the Roman period	Badawi 2002
Cabane de la Hosse	42.910086	0.289652	South of Campan	France	Aquitania	Varieties of white, green and red nodular limestone ( <i>cipollino mandolato</i> or <i>griotte</i> ), exported regionally in the Roman period	Antonelli <i>et al.</i> 2002
Cabezo Gordo	37.800843	-0.900193	Near Cartagena, Murcia	Spain	Tarraconensis	Marble; used locally in the Roman period, from at least the 1st century BC	Cisneros Cunchillos 1988: 69; Ramallo Asensio and Arana Castillo 1987; Álvarez <i>et al.</i> 2009a: 32–7; Arana <i>et al.</i> 2012
Cabra	37.471055	-4.429963	55 km south of Corduba	Spain	Baetica	Red limestone, used locally and exported regionally	Cisneros 1989–90; Mayer and Rodà 1998: 234
Cachan	48.794753	2.335083	South of Paris	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 54, 73
Caen	49.185797	-0.359666	Quarries located near Caen, Normandy	France	Lugdunensis	Grey-white limestone; used locally in the Roman Imperial period and exported regionally, possibly even to Britain	Blagg 1990

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Caerwent	51.610833	-2.767778	South-east Wales	Britain	Britannia	Sandstone (Sudbrook sandstone); used locally in the Roman Imperial period	Pearson 2006
Çakırsaz	39.096389	30.196389	In the Upper Tembris valley, 18 km east of Altıntaş, Phrygia	Turkey	Asia	Two varieties of marble, one white-grey and a variety of <i>pavonazzetto</i> , the former used locally in Roman period, the latter exported inter-regionally	Lazzarini <i>et al.</i> 1985: 50
Çakmaklı	38.808415	27.554482	24 km north-east of Manisa	Turkey	Asia	Pink and white breccia ( <i>broccatellone</i> ), probably exported in the Roman period	Bruno <i>et al.</i> 2012
Çamarası	37.652550	28.711850	9 km south-west of Aphrodisias	Turkey	Asia	White and grey brecciated marble, used locally in the Roman period	Long 2012
Çamova Tepe	37.689549	28.950464	22 km east of Aphrodisias	Turkey	Asia	Purple-grey and white breccia, used locally in the Roman period	Long 2012
Campan	43.016944	0.178333	Close to Campan, on the plain of Paillol, Pyrenees	France	Aquitania	Two varieties of marble, one violet-pink ( <i>griottes de Campan</i> or <i>griottes mauves de Campan</i> ) with purple and grey veins, one green with lighter flecks ( <i>cipollino mandolato verde</i> ); widely exported in Roman Imperial period	Mielsch 1985: 58; Gnoli 1988: 183; Braemer 1984: 57-72; Bedon 1984: 66
Campomarino	40.297396	17.556933	20 km south-east of Taranto	Italy	Italia II	Limestone; used locally in the Roman Imperial period	Calia <i>et al.</i> 2002
Candoglia	45.975727	8.423785	Just west of Mergozzo, north-west of Lago Maggiore	Italy	Italia XI	Marble ( <i>marmo di Candoglia</i> ); used locally and probably exported regionally in the Roman period	Braemer 1992
Canteduc	43.839444	4.345833	In Nîmes	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 30-31
Cap Couronne	43.338333	5.048056	40 km west of Marseille	France	Narbonensis	Limestone; used locally in the Roman Imperial period and exported regionally, notably to Marseille	Dworakowska 1983: 16; Bedon 1984: pl. 5
Cap de Garde	36.963056	7.781667	12 km from Annaba (Hippo Regius) on the promontory of Cap de Garde	Algeria	Numidia	White marble ( <i>marmo di Ippona</i> ) with distinct blue and grey streaks, used locally and regionally in the Roman period	Mielsch 1985: 60; Gnoli 1988: 261; Pensabene 1976
Cape Kolona	38.846446	24.353210	On Skiropoula island, south of Skyros	Greece	Achaia	Purple, yellow and white breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ), exported inter-regionally in the Roman period	Bruno 2002c

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Cape Latomio	38.803900	24.490752	On Valaxa island, south of Skyros	Greece	Achaia	Purple, yellow and white breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ), exported inter-regionally in the Roman period	Bruno 2002c
Cape Marmaro	38.761624	24.569607	Southern Skyros	Greece	Achaia	Purple, yellow and white breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ), exported inter-regionally in the Roman period	Bruno 2002c
Cape Oros	38.876368	24.442813	Western Skyros	Greece	Achaia	Purple, yellow and white breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ), exported inter-regionally in the Roman period	Bruno 2002c
Cape Phanari	40.776328	24.728715	North-east Thasos	Greece	Macedonia	White calcitic marble, used locally and exported throughout antiquity	Bruno <i>et al.</i> 2002
Cape Tainaro	36.386111	22.483056	On the Mani Peninsula	Greece	Achaia	Dark-grey, black marble ( <i>nero antico</i> ); used locally and possibly exported in Roman period and earlier	Bruno and Pallante 2002; Lazzarini 2004; Lazzarini 2007
Cape Vathy	40.743848	24.768334	North-east Thasos	Greece	Macedonia	Medium to coarse grained white dolomitic marble ( <i>marmor thasium</i> or Thasos-2); used in Roman period and earlier; widely exported, particularly in the 3rd century and later	Herrmann 1990; Bruno <i>et al.</i> 2002
Capo Testa	41.246111	9.145556	The most northerly point of Sardinia	Italy	Sardinia et Corsica	Medium-grained granite ( <i>granito della Sardegna</i> ) with shades of pink, light green and cream-white; used locally and exported regionally in the Roman Imperial period	Mielsch 1985: 69; Wilson 1988; Gnoli 1988: 154; Poggi and Lazzarini 2005
Carija	38.939436	-6.368221	Near Mérida	Spain	Lusitania	White marble; used locally in the Roman Imperial period	Dworakowska 1983: 15; Canto 1977-1978: 179; Pizzo 2010
Carmona	37.471111	-5.642222	Seville province	Spain	Baetica	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Carrara	44.092500	10.126667	Northern Tuscany, in the Apuan Alps	Italy	Italia VII	White marbles of various qualities ( <i>statuario</i> , <i>ordinario</i> , <i>calacata</i> , chiaro), several veined and a blue-grey variety with dark veins ( <i>bardiglio</i> ); used locally from Etruscan period and widely exported in Roman Imperial period	Banti 1931; Gnoli 1988: 265; Mielsch 1985: 61-62; Dolci 1980; Dolci 1981; Dolci 1988

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Carrera del Caballo	37.015837	-4.762155	North-west of Corduba	Spain	Baetica	Limestone, used locally in the Roman period	Gutiérrez Deza 2012
Carthage	36.864527	10.338814	Near Hamilcar station, just north of Carthage	Tunisia	Africa Proconsularis	Sandstone, used locally throughout antiquity	Bullard 1978
Casa Blanca	38.888687	-6.286010	7 km south-east of Mérida	Spain	Lusitania	Grey granite, used locally and perhaps exported regionally in the Roman period	Pizzo 2010
Cassis	43.215556	5.538889	South of Marseille	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 77, 89
Castel Porziano	41.744167	12.402778	East of Ostia	Italy	Italia I	Tuff; used locally in the Roman period.	Lanciani 1903: 175-176
Castellví de Rosanes	41.450186	1.899566	3 km south-west of Martorell	Spain	Tarraconensis	Red and white sandstones, used locally and perhaps exported regionally	Álvarez and Pitarch 2012
Castelnuovo dell'Abate	42.993271	11.515564	39 km south of Siena	Italy	Italia VII	Alabaster, exported regionally in the Roman period	Lazzarini <i>et al.</i> 2012
Castrimoenium	41.769722	12.658889	Modern Marino, in the Alban Hills	Italy	Italia I	Tuff ( <i>lapis albinus</i> or <i>peperino</i> ); used locally from Archaic period	Heiken, Funiciello and Di Rita 2005
Cavae Romanae	44.839864	13.859668	Near Vinkuran, 5 km south-east of Pula	Croatia	Italia X	Limestone; used locally in the Roman Imperial period	Džin 2012
Cavallo	41.361730	9.263035	South tip of the island off southern Corsica	France	Sardinia et Corsica	Grey granite; used locally and exported regionally in the Roman period	Wilson 1988: 108-109
Cave-Hardy	36.575040	2.090717	Near the Cave Hardy villa, between Hadjret-en-Nous and Cherchel	Algeria	Mauretania Caesariensis	Limestone; used locally in the Roman Imperial period	Leveau 1984: 294-295
Cernavoda	44.352389	28.040771	In Dobroudja province	Romania	Moesia Inferior	Limestone; used locally in the Roman Imperial period	Florescu 1936: 40-44; Florescu 1937: 111-113
Cerro Redondo	40.948101	-1.926120	Pardos, Zaragoza province	Spain	Tarraconensis	Limestone (?); used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Chalon-sur-Saône	46.784160	4.853201	On the Saône north of Lyon	France	Lugdunensis	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 32, 54
Chamaray	44.353224	4.771876	Near Saint-Paul-Trois-Châteaux	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 32
Chancelade	45.210833	0.668611	Near Périgueux	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 62
Charly	46.899069	2.748029	South-east of Bourges	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 60, 89



Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Chartres	48.450784	1.488935	South-west of Paris	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 76
Château-Chinon	47.063838	3.936915	West of Autun	France	Lugdunensis	A variety of schist and another of marble; used locally in the Roman period	Bouthier 2004
Châtillon-sous-les-Côtes	49.145766	5.524699	West of Pont-à-Mousson	France	Belgica	Limestone; used locally in the Roman Imperial period	Bedon 1984: 38
Chemtou	36.492500	8.576667	Ancient Simittus, near Jendouba	Tunisia	Africa Proconsularis	Several varieties of golden yellow often marble ( <i>giallo antico</i> ), some with lighter shades, pink-red veins and grey angular inclusions; exported regionally and inter-regionally in the Roman Imperial period	Dubois 1908: 31-35; Mielsch 1985: 56; Gnoli 1988: 166-168; Rakob 1993; Rakob 1994a; Rakob 1994b; Rakob 1995a; Rakob 1995b; Rüger 1997; G. Röder 1988
Chénoua	36.586389	2.433056	Near Tipasa	Algeria	Mauretania Caesariensis	Violet marble; used locally in Roman period	Barrington Atlas 30 (D3)
Cheraf	35.599612	11.029461	3.7 km south-west of Thapsus	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Younès, Gaied and Gallala 2012
Chercos	37.270000	-2.254722	Almería province	Spain	Tarraconensis	Marble; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Chester	53.191944	-2.894722	North-western Cheshire	Britain	Britannia	Sandstone; used locally in the Roman Imperial period	Pearson 2006
Chevigny	47.503438	3.304470	North-east of Entrains-sur-Nohain	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 74
Chianocco	45.148142	7.168839	Just east of Susa	Italy	Alpes Cottiae / Italia XI	White-cream marble, used locally in the Roman period	Betori, Gomez Serito and Pensabene 2009
Choridaki Valley	37.079722	25.183611	South-west of Marathi and east of the village of Choridaki, central Paros	Greece	Achaia	White, sometimes grey, marble ( <i>marmor parium</i> , <i>paria lithos</i> or Paros-2), coarser than Paros-1; widely exported in Roman period and earlier	Lepsius 1890; Herz 2000; Dworakowska 1975; Schilardi 2000
Cibyra	37.159238	29.493357	In northern Lykia, north of Balbura	Turkey	Lycia et Pamphylia	Grey-white limestone; used locally in the Roman Imperial period and probably earlier	Money 1990: 38
Cier-de-Rivière	43.066389	0.633333	North-east of St-Bertrand	France	Aquitania	Marble; used locally in the Roman Imperial period and possibly regionally	Bedon 1984: 66, 76

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Çiğri Dağ	39.741389	26.241667	In the western Troad, just inland from Alexandria Troas	Turkey	Asia	Medium-grained grey-violet granite ( <i>granito violetto</i> or <i>granito della Troade</i> ); used locally from Classical period and widely exported in the Roman Imperial period	Mielsch 1985: 68; Gnoli 1988: 152-153; Cook 1973: 14; Ponti 1995
Circeo	41.232500	13.052778	South-western Lazio	Italy	Italia I	Alabaster ( <i>alabastro bianco e cotognino</i> ); probably exported regionally in the Roman period	Lazzarini and Sangati 2004: 76-77; Bruno 1998b; Bruno 2002b
Cirencester	51.646389	-2.043333	Gloucestershire	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Pearson 2006
Clamart	48.799363	2.262394	South of Paris	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 73
Clots de Sant Julià	41.965262	3.074769	Just east of Girona	Spain	Tarraconensis	Sandstone ( <i>pedra dels Clots</i> ), used locally in the Roman period	Gutiérrez 2009: 43–54
Coín	36.656389	-4.760278	Malaga province	Spain	Baetica	Three varieties of dolomitic marble, one bluish-grey, one cloudy green, one white; used locally and exported regionally in the Roman Imperial period	Cisneros Cunchillos 1988: 74; Lapuente <i>et al.</i> 2002; Álvarez <i>et al.</i> 2009a: 108–10
Colaride	38.772104	-9.286267	Just north-west of Lisbon	Portugal	Lusitania	Limestone; used locally in the Roman Imperial period	Coelho 2008
Corinth	37.906389	22.878611	Beneath the Odeon in the centre of the city	Greece	Achaia	Limestone; used locally from the Archaic period and exported regionally, to Delphi and Epidauros for example	Broneer 1932: 16
Cortijo de Pinedilla	37.041739	-4.696533	Near Bobadilla, Malaga province	Spain	Baetica	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Cottanello	42.410556	12.684167	Near Rieti, Lazio	Italy	Italia IV	Marble ( <i>cottanello antico</i> ); exported regionally in the Roman Imperial period	Lazzarini and Sangati 2004: 76-77; Bruno 2002b
Courthézon	44.086307	4.884054	South of Orange	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 40, 90
Coves de la Pedrera	41.141025	1.240189	Just north of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra de los Coves</i> or <i>soldó</i> ), used locally	Gutiérrez 2009: 191–7
Coves del Llorito	41.138746	1.267733	Just north-east of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra del Llorito</i> ), used locally in the Roman period	Gutiérrez 2009: 185–91

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Crowdundle	54.655263	-2.985972	South-east Cumbria, just north of Kirkby Thore	Britain	Britannia	Limestone; used locally in the Roman Imperial period, notably for construction along Hadrian's Wall	Pearson 2006; Collingwood and Wright 1965
Crussol	44.945782	4.844178	Near Valence	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 57
Cuarto de la Jara	39.011278	-6.394043	Near Mérida	Spain	Lusitania	Grey granite; used locally in the Roman Imperial period	Dworakowska 1983: 15; Canto 1977-1978: 179
Cuevas del Puente de Hierro	37.925012	-4.775955	North-east of Corduba	Spain	Baetica	Limestone, used locally throughout the Roman period	Gutiérrez Deza 2012
Dakhla Oasis	25.669170	28.834170	Near El-Qasr, Western Desert	Egypt	Aegyptus	Fine grained sandstone and limestone; used locally from the Pharaonic period	Klemm and Klemm 2008: 328-330
Damascus	33.517500	36.293611	Southern Syria	Syria	Syria	Gypsum; mentioned by Pliny the Elder (XXXVI.24) and probably used locally in the Roman Imperial period	Dworakowska 1983: 13
Damparis	47.077287	5.412280	Near Dôle	France	Germania Superior	Marble; used locally in the Roman Imperial period	Bedon 1984: 23, 107
Dardagani	44.391595	19.105384	Near Zvornik	Bosnia	Dalmatia	Limestone; used locally in the Roman Imperial period and exported regionally	Djurić <i>et al.</i> 2006; Djurić <i>et al.</i> 2012
Degla	36.949310	10.826424	South-west of the tip of Cap Bon	Tunisia	Africa Proconsularis	Sandstone; used locally from the Roman Imperial period	Paskoff and Troussset 2004: 187-8
Deir Abu Hennis	27.785556	30.901667	Near Deir Abu Hinnis	Egypt	Aegyptus	Limestone; used locally from the Pharaonic to the Coptic periods	Klemm and Klemm 2000: 85-89
Deleni	44.102536	27.955032	Near Adamklissi	Romania	Moesia Inferior	Limestone; used locally in the Roman Imperial period, notably for the Adamklissi monument	Dworakowska 1983: 20; Rădulescu 1972
Delphi	38.481111	22.490278	Just west of Delphi	Greece	Achaia	Marble; used locally from the Archaic period	Bommelaer 1991
Denizli	37.771389	29.084444	Near ancient Laodicea-on-the-Lykos, Phrygia	Turkey	Asia	Grey-white marble, used locally and regionally from the Hellenistic period onwards	Attanasio 2003: 171
Devín	48.177518	16.980149	North-east of Carnuntum, Austria	Austria	Pannonia Superior	Limestone, used locally in the Roman period	Pivko 2012
Dinant	50.260720	4.910771	South-east of Charleroi	Belgium	Belgica / Germania Inferior	Black limestone; used locally and exported regionally in the Roman period	Groessens 1991

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Diou	46.533651	3.740864	West of Autun	France	Lugdunensis	Marble; used locally in the Roman Imperial period	Bouthier 2004
Djebel Akhdar	32.823611	21.851944	Near ancient Cyrene	Libya	Creta et Cyrene	Limestone; used locally in the Roman Imperial period	Busdraghi and Gessaroli 2006
Djebel Ayari	36.884713	10.165549	Just north of Tunis	Tunisia	Africa Proconsularis	Limestone, used locally in the Roman period	Bullard 1978
Djebel Aziz	36.498333	9.885000	Central north-eastern Tunisia, south of Carthage	Tunisia	Africa Proconsularis	Fine-grained black marble ( <i>nero antico</i> ) with occasional grey-white inclusions or angular veins; widely exported in the Roman Imperial period, particularly to Rome	Lazzarini and Sangati 2004: 76-77; Mielsch 1985: 57; Gnoli 1988: 193-194; Ward-Perkins 1951: 90; Dworakowska 1983: 12, 59; Agus <i>et al.</i> 2006
Djebel Djelloud	36.757805	10.205386	Southern edge of Tunis	Tunisia	Africa Proconsularis	Limestone, used locally in the Roman period	Bullard 1978
Djebel el Hamra	36.382522	10.424818	16 km east of Segermes, east of Zaghuan	Tunisia	Africa Proconsularis	Limestone, still quarried today; used locally in the Roman Imperial period	Ørsted 2000: 160-161; Zaugger 1995: 60-62
Djebel er Rorouf	36.730727	10.326339	Near Hamman Lif, south of Tunis	Tunisia	Africa Proconsularis	Limestone, used locally in the Roman period	Bullard 1978
Djebel Filfila	36.895833	7.103889	23 km from Philippeville	Algeria	Numidia	White and black varieties of marble; used locally in Roman period and probably exported regionally	Toubal 1995: 57-61; Herrmann <i>et al.</i> 2012
Djebel Ichkeul	37.123611	9.655833	In the Northern Tell	Tunisia	Africa Proconsularis	Sandy-yellow marble, often used as substitute for <i>giallo antico</i> ; used locally and possibly exported regionally in the Roman Imperial period	Rakob 1995b, 64-65
Djebel Keddel	36.692966	10.384013	Between Carthage and Cap Bon, now quarried near the town of Borj Cedria	Tunisia	Africa Proconsularis	Limestone; used locally from the Punic period	Ferchiou 1976; Dworakowska 1983: 13-14
Djebel Kleb	36.390364	9.877395	2.5 km west of Thuburbo Maius	Tunisia	Africa Proconsularis	Dark grey limestone, used locally and exported regionally in the Roman period	Bullard 1978
Djebel Orousse	35.863333	-0.418333	Just east of Oran	Algeria	Mauretania Caesariensis	Yellow marble, similar to <i>giallo antico</i> ; used locally in Roman Imperial period	Dworakowska 1983: 14

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Djebel Oust	36.354167	10.377222	35 km south of Tunis	Tunisia	Africa Proconsularis	Dark red and pink alabaster ( <i>alabastro del Gebel Oust</i> ) often with strips of yellow ochre or cream-white; used locally and exported regionally in the Roman Imperial period	Mielsch 1985: 40; Gnoli 1988: 227; Agus <i>et al.</i> 2006
Djebel Raouass	36.406667	9.870556	Close to Thuburbo Maius	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Dworakowska 1983: 14
Djebel Zit	36.526469	10.290297	North of the Segermes valley, north-east of Zaghuan	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Ørsted 2000: 160-161; Zaugger 1995: 60-62
Djeradou	36.286674	10.309164	6 km south of Segermes, south-east of Zaghuan	Tunisia	Africa Proconsularis	Fine limestone, still quarried today; used in the Roman Imperial period at nearby Segermes	Ørsted 2000: 160-161; Zaugger 1995: 60-62
Djilia	37.007462	10.902399	Near Sidi Daoud	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 184-185
Doliana	37.454167	22.421111	In the territory of Tegea, Arcadia	Greece	Achaia	Dark-grey, almost black recrystallised limestone ( <i>marmo di Tegea</i> or <i>di Doliana</i> ); used locally from Classical period	Braemer 1986
Doliche	37.061111	37.391111	Just north of Gazientep, Commagene	Turkey	Galatia et Cappadocia	Limestone; used locally in the Roman Imperial period	Ergeç 2003
Dolno Ujno	42.417354	22.582392	Just west of Blagoevgrad	Bulgaria	Thracia / Moesia Superior	Marble; used locally in the Roman Imperial period	<i>TIR</i> Naissus 46
Domeny	41.990455	2.759527	In Girona	Spain	Tarraconensis	Sandstone ( <i>pedra dels Clots</i> ), used locally in the Roman period	Gutiérrez 2009: 66–70
Drachenfels	50.666618	7.216741	East of Bonn, near Königswinter	Germany	Germania Inferior	Tuff; used locally in the Roman Imperial period	Dworakowska 1983: 17; J. Röder 1974; Lukas 2002
Drama	41.153929	24.163761	North of Kavala in ancient Macedonia	Greece	Macedonia	Dark-grey or black marble; used locally in the Roman Imperial period	Bruno and Pallante 2002
Dramont	43.415000	6.853611	Just east of Boulouris	France	Narbonensis	Light blue-grey porphyry ( <i>porfido bigio</i> or <i>granito a morviglione</i> ) with white, pink, grey and blue flecks; used locally from Archaic period; exported further sporadically and then only to Rome	Mielsch 1985: 66; Gnoli 1988: 140-141; Bedon 1984; Mazeran 2004

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Dundry Hill	51.728937	-2.144166	South-east of Stroud, Gloucestershire	Britain	Britannia	Limestone; used locally in the Hellenistic and Roman periods	Pearson 2006; Stanier 2000: 13
Dura Europos	34.746014	40.729416	In and around the city of Dura Europos	Syria	Syria	Limestone; used locally in the Roman Imperial period	Bessac 2005
Edessa	40.801944	22.053056	North-west of Olympos in Macedonia	Greece	Macedonia	Marble; used locally in the Roman Imperial period	Braemer 1986
El Berrocal	38.872101	-6.330432	Near Mérida	Spain	Lusitania	Grey granite, used locally and perhaps exported regionally in the Roman Imperial period	Cisneros Cunchillos 1988; Pizzo 2010
El Gaaphra	24.301944	32.901944	26 km north of Aswan	Egypt	Aegyptus	Sandstone; used locally from the Pharaonic period, mainly in the Ptolemaic and Roman periods	Klemm and Klemm 2008: 202-203
El Ghedamsi	35.750465	10.828859	Just south of Monastir	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 157
El Hannaker	36.921523	11.099323	Just south-east of the tip of Cap Bon	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 182
El Haouaria	37.059167	10.995278	Close to the tip of Cap Bon	Tunisia	Africa Proconsularis	Sandstone; used locally and exported regionally from the Punic period through to the Roman, especially to Carthage	Harrazi 1995; Rakob 1984; Rakob 1995b; Paskoff and Troussset 2004: 183
El Hôsh	24.644167	32.928611	12 km north of Silsila	Egypt	Aegyptus	Sandstone; used locally from Ptolemaic times and certainly in the Roman period - a number of Greek inscriptions are known, the latest datable to the reign of Antoninus Pius	Fitzler 1910: 103; Dworakowska 1983: 49-50; Klemm and Klemm 2008: 176-177
El Kilh	25.065278	32.868611	12 km north of Edfu	Egypt	Aegyptus	Fine-grained sandstone; used locally, mainly in the Ptolemaic and Roman period	Klemm and Klemm 2008: 174
El Llorito	41.127086	1.268288	Just east of Tarragona	Spain	Tarraconensis	Yellow-pink limestone ( <i>pedra de Santa Tecla</i> and <i>llisós</i> ), used locally in the Roman period, mainly at Tarragona itself	Mayer and Rodà 1998: 229; Gutiérrez 2009: 208–21; Álvarez <i>et al.</i> 2009b; Álvarez <i>et al.</i> 2009c
El Maabda	27.335000	30.018889	10 km north-west of Abnub, near Assiut	Egypt	Aegyptus	Light grey-yellow limestone; used locally from the late Pharaonic to the Coptic period	Klemm and Klemm 2008: 106-109

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
El Médol	41.173889	1.281111	North of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra del Médol</i> ); used locally in the Roman period	Canto 1977-1978; Mayer 1998; Gutiérrez 2009: 146-58; Álvarez <i>et al.</i> 2009a: 38-43
El Mex (Mareotis)	31.101667	29.784167	A number of quarries down the coast immediately west of Alexandria	Egypt	Aegyptus	Limestone; used locally in the Ptolemaic and Roman periods	Dworakowska 1983: 10; J. Röder 1967; Klemm and Klemm 2008: 36-39
El Saweita	28.366667	30.785556	Just south of Matai, on the east side of the Nile	Egypt	Aegyptus	Limestone and calcitic alabaster; used locally from the Pharaonic period and probably up until the Roman period but less intensively	Klemm and Klemm 2008: 60-63, 152
El Torcal (Antequera)	36.972484	-4.591461	Just south of Antequera	Spain	Baetica	White, pink, and red-pink limestones	Beltrán <i>et al.</i> 2012
Eldeniz	38.538805	29.725652	South-east of Uşak, near ancient Sebaste, Phrygia	Turkey	Asia	Grey-white marble; used locally and exported regionally in the Roman period	Pralong 1980; Asgari 1981; Waelkens, de Paepe and Moens 1986
Els Munts	41.146606	1.396374	16 km east of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra d'Altafulla</i> ); used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Mayer 1998; Gutiérrez 2009: 138-41
Emboune	43.287741	3.521955	Near Agde, at the mouth of the river Herault	France	Narbonensis	Basalt; used locally in the Roman Imperial period	Bedon 1984: 34
Enesh	37.053056	37.866389	Near Zeugma on the Euphrates	Turkey	Galatia et Cappadocia	Limestone; used locally in the Roman Imperial period, quarried by legionary detachments	Cumont 1917; Dworakowska 1983: 28
Enfê	34.357707	35.731063	13 km south-west of Tripoli	Lebanon	Syria	Limestone and sandstone, used locally in the Roman period	Badawi 2002
Ereño	43.360731	-2.625732	25 km north-east of Bilbao	Spain	Tarraconensis	Red and white recrystallised limestone, exported regionally in the Roman period	Álvarez <i>et al.</i> 2009a: 50-3
Eretria	38.403889	23.780833	Central southern Euboea	Greece	Achaia	Pink-grey recrystallised limestone ( <i>fior di pesco</i> or <i>marmor chalcidicum</i> ) with areas of red, brown, white and violet; used locally from the Archaic period and exported widely in the Roman Imperial	Mielsch 1985: 57; Gnoli 1988: 184-6; Lazzarini <i>et al.</i> 2002a
Ersifet	33.562186	10.950200	Just south of Jerba	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 102-103

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Escúzar	37.065000	-3.762778	Granada province	Spain	Baetica	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Espejón	41.830713	-3.259775	160 km north of Madrid	Spain	Tarraconensis	Red and yellow limestone, exported regionally in the Roman period	Àlvarez <i>et al.</i> 2009a: 54–9; Salán 2012
Estremoz	38.845833	-7.590278	Central eastern Portugal	Portugal	Lusitania	White marble, used locally and exported across central and southern Spain in the Roman Imperial period	Cisneros Cunchillos 1988; Fusco and Mañas 2006; Lamberto and Sá Caetano 2008
Examilia	37.897049	22.927994	South-east of Corinth	Greece	Achaia	Oolitic limestone, used locally and perhaps exported regionally in the Roman period	Hayward 1999
Exeter	50.721667	-3.533889	Eastern Devon	Britain	Britannia	Red basalt; used locally in the Roman Imperial period	Blagg 1990
Farafra Oasis	27.351940	28.418890	50 km north of Qasr El-Farafra, Western Desert	Egypt	Aegyptus	Chalky limestone; used locally in the Roman period	Klemm and Klemm 2008: 328
Farm Quarry'	37.929840	27.385260	5 km east of Ephesos	Turkey	Asia	White marble, used locally in the Roman period	Yavuz, Bruno and Attanasio 2011
Farnham	51.214546	-0.795947	In the Weald, south-east England	Britain	Britannia	Probably the source of the Lower and Upper Greensands (silicified glauconitic quartz sandstones) used at Silchester	Wooders 2000: 84-86
Fay	45.658931	5.666800	Near Peyrieu	France	Narbonensis	Limestone; used locally in the Roman Imperial period, particularly from the 1st century AD	Bedon 1984: 32, 55
Felsberg	49.727708	8.690726	15 km south of Darmstadt	Germany	Germania Superior	Grey granite, exported regionally in the Roman period	J. Röder 1992
Fertőrákos	47.721975	16.647872	7 km north-east of Scarbantia, Hungary	Hungary	Pannonia Superior	Limestone, used locally in the Roman period	Pivko 2012
Fidenae	41.978611	12.511111	North-east of Rome	Italy	Italia I	Tuff ( <i>tufo rosso a scorie nere</i> ); used locally from the Archaic period, primarily at Rome	Heiken, Funiciello and Di Rita 2005
Flacé	46.325870	4.827123	South of Tournus	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 28, 89
Flix	41.226667	0.544722	60 km west of Tarragona	Spain	Tarraconensis	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Gutiérrez 2009: 247–9
Fontaines-sur-Marne	48.546857	5.102234	Near Bar-le-Duc	France	Lugdunensis / Belgica	Limestone; used locally in the Roman Imperial period	Bedon 1984: 51



Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Fontvieille	43.726944	4.710000	North-east of Arles	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984
Fourvières	45.763698	4.824807	Near Lyon	France	Lugdunensis	Granite; used locally in the Roman Imperial period	Audin and Burnand 1975
Franc lens	46.042620	5.829268	Near Seyssel, south-west of Geneva	France	Lugdunensis	Fine white limestone; used locally and exported regionally in the Roman Imperial period, primarily to Lugdunum	Bedon 1984: 33, 55-56
Fruška-Gora	45.166032	19.667591	Near Sirmium on the Danube	Serbia	Pannonia Inferior	Porphyry; used locally in the Roman Imperial period and perhaps exported regionally but the extent of activity at the site remains unclear	Fant 1990: 101; Peacock 1995
Gabii	41.887222	12.715278	In the Valle Castiglione	Italy	Italia I	Tuff ( <i>lapis Gabinus</i> or <i>peperino</i> ); used locally from the Republican period, primarily at Rome	Heiken, Funicello and Di Rita 2005
Gádor	36.954360	-2.492822	13 km north of Almeria	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1989-90
Galgenberg	47.373586	15.248897	Near Leoben	Austria	Noricum	White marble, used locally in the Roman period	Djurić and Müller 2009
Gammarth	36.853333	10.323333	Near Tunis	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 193-4
Garraf	41.252879	1.900443	7 km east of Sitges	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Gutiérrez 2009: 253
Gaurion	37.889444	24.734444	West Andros	Greece	Achaia	Marble; used locally in the Roman period, and possibly earlier	Barrington Atlas 57 (C4)
Gebel el-Ahmar	30.054167	31.285556	East Cairo	Egypt	Aegyptus	Quartzite; used locally from the Pharaonic period	Klemm and Klemm 1993
Gebel el-Silsila	24.650278	32.918333	18 km north of Kom Ombo	Egypt	Aegyptus	Fine- to medium-grained sandstone; used in large quantities locally and regionally from the Pharaonic period and in especial quantities in the Ptolemaic and Roman periods	Dworakowska 1983: 10; Klemm and Klemm 2008: 180-201
Gebel Gulab	24.111111	32.873889	West of Aswan	Egypt	Aegyptus	Quartzite; used locally and probably exported regionally from Pharaonic times to the Roman period and later	Klemm and Klemm 2008: 219-228; Haldal <i>et al.</i> 2005
Gebel Tar, Palmyra	34.547500	38.278611	5 km north-west of Palmyra	Syria	Syria	Granite; used locally in the Roman Imperial period, primarily at Palmyra	Schmidt-Colinet 1990

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Gebel Tingar	24.085167	32.865694	West of Aswan	Egypt	Aegyptus	Quartzite; used locally and probably exported regionally throughout antiquity	Klemm and Klemm 2008: 219-228; Heldal <i>et al.</i> 2005
Gebze	40.799167	29.437778	Just east of Istanbul, Bithynia	Turkey	Bithynia et Pontus	Limestone; used locally from at least the Hellenistic period	Dodge 1988: 71
Gemlik	40.427500	29.159722	On the Sea of Marmara north of Bursa, Bithynia	Turkey	Bithynia et Pontus	Marble; used locally from at least the Hellenistic period	Dodge 1988: 71
Gerasd	46.112209	18.199735	Near Pécs	Hungary	Pannonia Superior / Pannonia Inferior	Porphyry; used locally in the Roman Imperial period	Simonyi 1960
Gerence	38.403979	26.500986	On the Karaburum peninsula	Turkey	Asia	Pink and white breccia ( <i>broccatellone</i> ), probably exported regionally or inter-regionally in the Roman period	Bruno <i>et al.</i> 2012
Germolles	46.814829	4.749401	North of Saint-Boil	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 35, 89
Ghar El Oug	35.471773	11.010564	South-west of Mahdia	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Younès and Ouaja 2009
Ghar Sebâa Sbaya	35.678131	10.868318	Near Leptiminus	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Younès and Ouaja 2009
Ghar Sidi Messaoud	35.516225	11.033267	Near Mahdia	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Younès and Ouaja 2009
Ghar Tbiba	35.525976	11.026960	Near Mahdia	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Younès and Ouaja 2009
Ghirza	30.949804	14.556146	In the central Libyan pre-desert	Libya	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Chiesa 1949: 28
Ghlastropi	37.399444	25.266389	On Delos	Greece	Achaia	Grey marble; used locally from at least the Classical period.	Higgins and Higgins 1996: 173-174
Gilly-sur-Loire	46.539038	3.775782	West of Autun	France	Lugdunensis	Marble; used locally in the Roman Imperial period	Bouthier 2004
Glanum	43.773611	4.833333	Just south of Saint-Rémy-de-Provence	France	Narbonensis	Limestone; used locally from the Classical or Hellenistic period	Dworakowska 1983: 16
Glince	46.052503	14.506344	Local quarry in the territory of Emona (Ljubljana)	Slovenia	Pannonia Superior	Limestone; used locally in the Roman Imperial period	Djurić 1997

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Glyfada	40.781648	24.675843	Just west of Limenas, Thasos	Greece	Macedonia	Grey marble, used locally throughout antiquity	Wurch-Koželj and Koželj 2009
Godella	39.522011	-0.417211	Valencia province	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Gökcealan	38.219512	28.519930	15 km south of Alaşehir	Turkey	Asia	White marble, used locally in the Roman period	Bruno <i>et al.</i> 2012
Göktepe	37.515601	28.794195	Near Kale, north-east of Muğla, in Karia	Turkey	Asia	Black and white marble; exported regionally and inter-regionally in the Roman Imperial period	Attanasio, Bruno and Yavuz 2009; Yavuz <i>et al.</i> 2009
Gölemezli	38.000344	29.016703	North of Hierapolis, Phrygia	Turkey	Asia	Yellow and pink alabaster ( <i>alabastro fiorito</i> ) with white, brown and red stripes; used locally and exported widely in the Roman Imperial period and possibly earlier	Mielsch 1985: 37-38; Gnoli 1988: 223-225; Bruno 2002a; Lazzarini and Sangati 2004: 76-77; Scardozzi 2010; Scardozzi 2012
Göllüce	38.087100	27.487050	22 km north-east of Ephesos	Turkey	Asia	White marble, used locally and perhaps regionally in the Roman period	Yavuz, Bruno and Attanasio 2011
Göynükören	39.235556	29.767500	In the Upper Tembris valley, 90 km north-west of Iscehisar and 15 km north-east of Aezani, Phrygia	Turkey	Asia	Two varieties of marble, one white and one similar to <i>pavonazzetto</i> (breccia pavonazza di Ezine); used locally in the Roman Imperial period	Mielsch 1985: 50; Gnoli 1988: 240; Waelkens 1986; Waelkens 1990b, 67-68; Lazzarini <i>et al.</i> 1985: 49-50
Gözler	38.110826	29.157840	20 km north of Hierapolis in Phrygia	Turkey	Asia	Marble; used locally from the Hellenistic period	Bruno 2002a, 23; Scardozzi 2010; Scardozzi 2012
Gremdi	34.757222	11.313889	On Gremdi island off eastern Tunisia	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 128-129
Gressan	45.721766	7.288552	Near Aosta	Italy	Alpes Graiae et Poeninae / Italia XI	Puddingstone, used locally in the Roman period	Betori, Gomez Serito and Pensabene 2009
Grotta Oscura	42.035000	12.504167	Tiber valley, north-east of Rome	Italy	Italia I	Tuff ( <i>tufo giallo della via Tiberina</i> ); used locally from the Archaic period, primarily at Rome	Heiken, Funicello and De Rita 2005
Guelma	36.466667	7.430833	Ancient Calama	Algeria	Numidia	Marble; used locally in the Roman Imperial period	Toubal 1995: 57-61
Gülümbe	40.203617	29.264689	In the Sagarius Valley, Bithynia	Turkey	Bithynia et Pontus	Marble; used locally in the Roman Imperial period	Dodge 1988: 71

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Gummern	46.662391	13.798874	North-west of Villach	Austria	Noricum	White marble, used locally and exported regionally in the Roman period	Djurić and Müller 2009
Hadjret-en-Nous	36.572623	2.052912	14 km west of Cherchel	Algeria	Mauretania Caesariensis	Grey granite ( <i>granito bigio grafico</i> ) with black and white inclusions; used locally and exported in Roman Imperial period	Mielsch 1985: 69; Gnoli 1988: 153-4
Hadrianopolis	32.353333	20.307778	Modern Daryanaha, east of Benghazi	Libya	Creta et Cyrene	Limestone; used locally in the Roman Imperial period	Dworakowska 1983: 13
Haghios Panteleimonas	38.856988	24.489110	Western Skyros	Greece	Achaia	Purple, yellow and white breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ), exported inter-regionally in the Roman period	Bruno 2002c
Hainburg	48.140694	16.904078	Just east of Carnuntum, Austria	Austria	Pannonia Superior	Limestone, used locally in the Roman period	Pivko 2012
Haluntium	38.084713	14.696890	North-east Sicily	Italy	Sicilia	Deep red-brown limestone with white veins; used locally in the Roman Imperial period and possibly earlier	Wilson 1990: 239-240
Ham Hill	51.129509	-2.737034	Near Street, south of Glastonbury, Somerset	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Pearson 2006; Stanier 2000: 13; Durman 2006: 49
Hançam	37.733574	28.628500	Near Karacasu, west of Aphrodisias	Turkey	Asia	White and grey marble, used locally in the Roman period	Long 2012
Hanoğlu	38.591556	29.743896	South-east of Uşak, near ancient Akmonia, in Phrygia	Turkey	Asia	Marble; used locally in the Roman Imperial period	Asgari 1981
Hara	37.000775	9.373032	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 404
Harmanköy	40.131522	30.419285	South of Gölpazari	Turkey	Bithynia et Pontus	Yellow breccia ( <i>breccia nuvolata</i> ), exported regionally and inter-regionally in the Roman period	Lazzarini 2002b
Hasançavuslar	38.072140	27.539680	19 km north-east of Ephesos	Turkey	Asia	White marble with black speckles ( <i>Greco scritto</i> ), white marble, and grey bigio antico, exported inter-regionally in the Roman period	Yavuz, Bruno and Attanasio 2011
Haslach	48.545461	7.335660	Just west of Strasbourg, between Nieder- and Oberhaslach	France	Germania Superior	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 44, 73

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Hatnub	27.550833	31.017500	15 km south-east of Tell el-Amarna	Egypt	Aegyptus	Pale yellow calcitic alabaster with areas of opaque white, pink or grey; exported regionally from the Pharaonic period and in the Roman Imperial period - probably that described by Pliny the Elder (XXXVI.60).	Mielsch 1985: 37; Gnoli 1988: 215-218; Hester and Heinzer 1981; Klemm and Klemm 2008: 161-163
Häusling	48.245966	15.438453	East of Melk	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić and Müller 2009
Hauteville	46.005847	5.530281	North of Peyrieu	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 33
Helioupolis	37.931944	23.757778	South-east of Athens, near Hymettos, in Attica	Greece	Achaia	Limestone; used locally from at least the Classical period	Barrington Atlas 59 (B/C3)
Henchir Chaabane	33.332125	11.166907	South-east of Jerba	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 97
Henchir el Kasbat	36.398611	9.906389	Ancient Thuburbo Maius	Tunisia	Africa Proconsularis	A dark golden yellow limestone ( <i>castracane dorato</i> ) with spirals of yellow and cream-white, some grey, exported regionally in the Roman Imperial period; and a grey lumachella limestone (lumachella orientale or lumachella d'egito) widely exported after the Augustan period, primarily to Rome	Mielsch 1985: 41; Gnoli 1988: 201-205; Lazzarini and Sangati 2004
Henchir el Mzaouak	35.391645	11.032127	Near Salakta	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 144-145
Henchir-Chelga	36.892231	9.409671	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 440
Hereke	40.789170	29.614982	Along the coast west of Nicomedia, close to Gebze, Bithynia	Turkey	Bithynia et Pontus	Marble breccia ( <i>breccia di Hereke</i> ); used locally in the Roman Imperial period and probably earlier	Dodge 1988: 71
Hierakonpolis	25.067778	32.734167	16 km north-west of Edfu	Egypt	Aegyptus	Sandstone; used locally from the Pharaonic to Roman period	Klemm and Klemm 2008: 172-173
Hierapolis	37.943889	29.123889	In the necropolis of Hierapolis, Phrygia	Turkey	Asia	Grey-white travertine; used locally from the Hellenistic period	Ronchetta 1987: 105; Vanhaverbeke and Waelkens 2002; Scardozzi 2010; Scardozzi 2012
Hiesberg	48.170636	15.297943	South of Pöchlarn	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić and Müller 2009

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Hohen Buche	50.456585	7.330149	South of the Brohl but north of Confluentes	Germany	Germania Superior	Basalt; used locally and exported regionally in the Roman Imperial period	Mangartz 1998
Horvat Shallalah	32.730180	35.047121	On the Carmel	Israel	Judaea	Limestone; used locally in the Roman Imperial period and probably earlier	Sumaka'I Fink 2000
Horvat Shi'a	32.749761	34.976190	On the western slopes of the Carmel	Israel	Judaea	Limestone; used locally in the Roman Imperial period and probably earlier	Sumaka'I Fink 2001
Hotnica	43.142003	25.509208	Near Nicopolis-ad-Istrum, central Bulgaria	Bulgaria	Moesia Inferior	Limestone; used locally in the Roman Imperial period	Dworakowska 1983: 57
Hudinja	46.380839	15.295809	Near Vitanje, Pohorje	Slovenia	Pannonia Superior	White marble; used locally in the Roman Imperial period	Djurić 1997
Hültehouse	48.718990	7.260689	Just north of Reinhardmünster	France	Germania Superior	Sandstone; used locally in the Roman Imperial period	Dworakowska 1983: 17
Ideli Tepe	37.945895	27.320014	Next to the harbour of Ephesos	Turkey	Asia	Grey-white marble, probably used locally in the Roman period	Vetters 1990
Iscehisar	38.837222	30.783889	Ancient Dokimeion, north-east of Afyon	Turkey	Asia	Two varieties of marble, one fine white and one white with shades of pink and grey-blue, veins of purple and pink (pavonazzetto, marmor synnadicum or phrygium); both exported inter-regionally in the Roman Imperial period, the latter much further	Mielsch 1985: 59; Gnoli 1988: 160-71; Waelkens 1982b; Fant 1985; Fant 1989a; Fant 1990; Lazzarini <i>et al.</i> 1985; J. Röder 1971
Isle of Wight	50.695000	-1.315833	Off the central south coast	Britain	Britannia	Limestone; used locally in the Roman Imperial period and exported regionally	Blagg 1990
Isola del Giglio	42.357500	10.923889	East coast of Giglio island	Italy	Italia VII	Medium-grained grey granite ( <i>granito grigio minuto del Giglio</i> ) with shades of pink; used locally and exported regionally in the Roman Imperial period, primarily to Rome	Mielsch 1985: 69; Gnoli 1988: 154; Bruno 1998a
Isole Marmorata	41.253333	9.237500	Just off northern Sardinia	Italy	Sardinia et Corsica	Grey granite ( <i>granito della Sardegna</i> ), less pink than the granite of Capo Testa; used locally and exported regionally in the Roman Imperial period, primarily to Rome	Mielsch 1985: 69; Wilson 1988; Gnoli 1988: 154
Istiklalbaği	39.388611	31.609444	Near ancient Pessinus and Eudoxias, Phrygia	Turkey	Galatia et Cappadocia	White marble; used locally in the Roman Imperial period	Waelkens 1982b, 39-40; Waelkens, de Paepe and Moens 1986

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Iž	44.031075	15.123606	In the Zadar islands	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Iznik	40.446182	29.747642	2-4 km north-east of Iznik	Turkey	Bithynia et Pontus	Grey marble ( <i>bigio antico</i> ), used locally and perhaps exported regionally	Yavuz, Bruno, and Attanasio 2012
Jano di Montaione	43.514089	10.877528	45 km south-east of Pisa	Italy	Italia VII	Alabaster, exported regionally in the Roman period	Lazzarini <i>et al.</i> 2012
Jaumont	49.197487	6.057259	North of Pont à Mousson	France	Belgica	Limestone; used locally in the Roman Imperial period	Bedon 1984: 49-50, 89
Kainach	47.233944	15.244021	North of Köflach	Austria	Noricum	Grey marble, used locally and exported regionally in the Roman period	Djurić and Müller 2009
Kairouan	35.675833	10.092500	Eastern Tunisia, inland from Sousse	Tunisia	Africa Proconsularis	Creamy-pink lumachella limestone ( <i>lumachella rosea</i> ) with occasional flecks of red; used locally and probably exported regionally in the Roman Imperial period	Mielsch 1985: 41; Gnoli 1988: 205-206
Kaisersteinbruch	47.987623	16.70145	32 km south-east of Vienna, Austria	Austria	Pannonia Superior	Limestone, used locally in the Roman period	Pivko 2012
Kaiserstuhl	48.099992	7.666654	South of Strasbourg on the eastern side of the Rhine	Germany	Germania Superior	Basalt; used locally in the Roman Imperial period	Bedon 1984: pl. 12
Kalınağıl	37.251408	27.869004	11 km south-east of Milas	Turkey	Asia	Red marble, used locally and perhaps exported in the Roman period	Bruno <i>et al.</i> 2012
Kalyvia Sochas	37.047782	22.410328	Just south-east of Sparta in Lakonia	Greece	Achaia	Grey-white marble; used locally in the Roman period and probably earlier	Higgins and Higgins 1996
Kamvounia Mountains	40.064592	21.832380	West of Mount Olympos	Greece	Macedonia	Grey-white marble; used locally in the Roman period and probably earlier	Vakoulis <i>et al.</i> 2002
Kara Göl	38.178056	26.787500	Beneath the lake of Kara Göl, near Teos	Turkey	Asia	Two varieties of marble, one grey, the other a grey-brown breccia with pink, white, red, yellow and black shades ( <i>africano</i> or <i>marmor lucullum</i> ); both exported inter-regionally in the Roman Imperial period, the latter most widely	Mielsch 1985: 54; Gnoli 1988: 174-178; Ballance 1966: 79-81; Fant 1987; Fant 1989b; Baran and Petzl 1977-1978; Pensabene and Lazzarini 1998
Karga Tepe	38.439694	26.546808	On the Karaburum peninsula	Turkey	Asia	Orange-red and white marble ( <i>breccia corallina</i> ), used locally and probably exported regionally	Bruno <i>et al.</i> 2012

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Karies	38.390350	26.097967	Just inland from Latomi, Chios	Greece	Asia	Grey and brown limestone conglomerate ( <i>Breccia di Aleppo</i> ), exported widely in Roman Imperial period	Lazzarini 2007: 137-149
Kasr Sidi el Hadj	35.353858	5.581373	North of ancient Burgus Speculatorius Antoninianus (Kasr Sidi el Hadj) and south-west of Lambaesis	Algeria	Numidia / Mauretania Caesariensis	Limestone; used locally in the Roman Imperial period	Baradez 1949
Kassamboli	39.693889	22.530556	8 km north-east of Larissa in Thessaly	Greece	Achaia	Compact, fine-grained green marble with darker patches, white and dark green crystalline inclusions (verde antico); exported inter-regionally by the 2nd century AD and widely in Late Antiquity	Gnoli 1988: 162-165; Mielsch 1985: 63-64; Lambraki 1978; Lambraki 1982; Papageorgakis 1963; Jung 1961
Kavacık	38.602143	29.818219	South-east of Uşak, near ancient Akmonia, in Phrygia	Turkey	Asia	Grey-white marble; used locally in the Roman Imperial period and possibly earlier	Pralong 1980; Asgari 1981; Waelkens, de Paepe and Moens 1986
Kechries	37.888654	22.990979	South-west of Isthmia	Greece	Achaia	Oolitic limestone, used locally and perhaps exported regionally in the Roman period	Hayward 1999
Kef Ben Salah	36.299965	5.700152	4 km south-west of Cuicul	Algeria	Mauretania Caesariensis	Limestone, used locally in the Roman period	Dessandier <i>et al.</i> 2012
Kentli Çiftliği	38.044730	27.455280	15 km north-east of Ephesos	Turkey	Asia	White marble, used locally in the Roman period	Prochaska and Grillo 2009; Yavuz, Bruno and Attanasio 2011
Kestanecik	37.420370	28.321601	23 km north of Muğla	Turkey	Asia	White and purple marble (Milas lilac) similar to <i>pavonazzetto</i> , perhaps exported regionally or inter-regionally in the Roman period	Bruno <i>et al.</i> 2012
Khalde	33.788373	35.480249	Just south of Beirut ( <i>Berytus</i> )	Lebanon	Syria	Sandstone; used locally in the Roman Imperial period	Badawi 2002
Kharga Oasis	25.483610	30.550830	Western Desert	Egypt	Aegyptus	Sandstone; used locally from the Pharaonic period, possibly for the Roman temple at Qasr Dush	Klemm and Klemm 2008: 328-330
Kinidaros	37.100556	25.477778	Central Naxos	Greece	Achaia	White-grey marble, used locally and exported throughout antiquity	Attanasio 2003: 184
Kionia	35.129763	25.724213	Eastern Crete	Greece	Creta et Cyrene	Pinkish marble, used locally throughout antiquity	Paton and Schneider 1999: 292; Durkin and Lister 1983



Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Kirtaş/Selvioğlu	38.717986	29.304851	Near ancient Temenothyrai, north-west of Uşak, Phrygia	Turkey	Asia	Marble; used locally in the Roman Imperial period and possibly earlier	Pralong 1980: 260-262; Asgari 1981
Kızıl Cağıl	37.696122	28.760019	5 km south of Aphrodisias	Turkey	Asia	White marble, used locally in the Roman period	Long 2012
Koepfel	48.741881	7.362128	Near Saverne	France	Germania Superior	Sandstone; used locally in the Roman Imperial period	Bedon 1984: pl. 12
Koprisses	38.782559	24.642248	Southern Skyros	Greece	Achaia	Purple, yellow and white breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ), exported inter-regionally in the Roman period	Bruno 2002c
Korbevac	42.584507	22.018447	Southern Serbia, near Vranje	Serbia	Moesia Superior	Marble; used locally in the Roman Imperial period	<i>TIR</i> Naissus 73
Koulouri	38.871635	24.438227	Just off western Skyros	Greece	Achaia	Purple, yellow and white breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ), exported inter-regionally in the Roman period	Bruno 2002c
Kourellos	36.721851	22.374832	On the Mani Peninsula	Greece	Achaia	Grey-black marble ( <i>cipollino tenario</i> ) with circular veins and streaks in grey-white; exported inter-regionally by the 2nd century AD, particularly to Rome	Mielsch 1985: 57; Gnoli 1988: 192-193
Kourtzi	39.108611	26.553611	Eastern Lesbos	Greece	Asia	Grey marble; used locally from at least the Classical period, primarily at Mytilene	Millar and Williams 1993: 211-220; Pensabene 1998a, 175-184; Lazzarini, Pensabene and Turi 1999: 125-126
Kraig	46.812154	14.368106	Just north of Klagenfurt	Austria	Noricum	Limestone; used locally in the Roman Imperial period	Dworakowska 1983: 19
Kretz	50.394211	7.362051	In the Pallenzen	Germany	Germania Superior	Tuff; used locally in the Roman Imperial period	Bedon 1984: 48, 79; Schaaf 2000
Kriemhildensstuhl	49.471952	8.178396	Near Bad Dürkheim, south-east of Worms	Germany	Germania Superior	Sandstone; used locally in the Roman Imperial period	Dworakowska 1983: 17; Bedon 1984: pl. 13; Lukas 2002
Krokeai	36.885000	22.548333	Southern Lakonia	Greece	Achaia	Dark green serpentine ( <i>porfido verde di Grecia</i> or <i>serpentino</i> ) flecked with bright green crystals, and a variety of lighter green pavonazzetto; used from the Mycenaean period but only exported inter-regionally in the Roman Imperial period	Gnoli 1988: 141-142; Mielsch 1985: 66; Le Roy 1961; Chrismes 1952: 73; Zezza and Lazzarini 2002

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Kruft	50.385982	7.337770	So-called Idylle quarry in the Pallenzen	Germany	Germania Superior	Tuff; used locally in the Roman Imperial period	Lehner 1921: 131; J. Röder 1957: 228; Bedon 1984: 73, 90-97
Ksour Essaf	35.416190	10.991300	5 km north-west of Salakta	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Younès, Gaied and Gallala 2012
Küçükkaya	38.331355	26.896372	15 km north-east of Teos	Turkey	Asia	Black, red, and white breccia ( <i>africano</i> ), perhaps exported inter-regionally	Bruno <i>et al.</i> 2012
Kurkar	32.500534	34.893166	Near Caesarea Maritima	Israel	Judaea	Limestone; quarried somewhere in this area and used locally in the Roman Imperial period, notably at nearby Caesarea Maritima	Sumaka'I Fink 2000
Kuş-İni Tepe	37.990278	27.423611	Just north of Ephesos and south of Belevi	Turkey	Asia	White marble; used locally from at least the Classical period	Atalay 1976; Atalay 1976-1977: 59-60; Waelkens 1992: 26; Prochaska and Grillo 2009; Yavuz, Bruno and Attanasio 2011
Kuttolsheim	48.643522	7.524838	North-west of Strasbourg	France	Germania Superior	Limestone; used locally in the Roman Imperial period.	Bedon 1984: 44
Kylindroi	38.050000	24.465833	Inland from Karystos on Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Mielsch 1985: 58; Gnoli 1988: 181-183; Lambraki 1980: 31-62; Hankey 1965; Pensabene 1998b; Sutherland and Sutherland 2002; Tsoflias 1982
Kyparissos	36.461111	22.439167	On the Mani Peninsula	Greece	Achaia	Dark-grey, black limestone; used locally and exported, whether regionally or inter-regionally is unclear, in the Roman Imperial period	Bruno and Pallante 2002
L'Estel	43.957326	4.545045	Near the Pont du Gard	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bessac and Vacca-Goutoulli 2002
La Bouteillère	43.491116	6.755511	North of Fréjus	France	Narbonensis	Granite (?); used locally in the Roman period	Bedon 1984: 34
La Celle	46.769029	2.442901	South of Bourges	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 60, 89
La Croix-Guillaume	48.610435	7.065520	Just north of Saint-Quirin	France	Germania Superior	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 44; Heckenbenner and Meyer 2002; Lukas 2002
La Croix-Rouse	45.777210	4.804136	North of Lyon	France	Lugdunensis	Granite; used locally in the Roman Imperial period	Bedon 1984: pl. 6
La Crouzade	43.947450	4.535224	Near the Pont du Gard	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 32

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
La Lie	46.357793	4.736570	Near Mâcon	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Cognot 2002
La Lloera	41.282679	1.136828	Just north-west of Alcover	Spain	Tarraconensis	Limestone ( <i>pedra d'Alcover</i> ), used locally in the Roman period	Gutiérrez 2009: 223–6
La Palmira	37.688424	-5.716432	2.5 km south-east of Munigua	Spain	Baetica	Granite, used locally and perhaps exported regionally in the Roman period	Schattner and Ovejero 2008
La Queyrie	44.754482	5.375714	North-east of Die	France	Narbonensis	Marble; used locally in the Roman Imperial period	Bedon 1984: 57; Blanc 1986
La Raisse	46.864528	6.749413	Near La Lance on the lake of Neuchâtel	Switzerland	Germania Superior	Yellow sandstone; used locally in the Roman Imperial period, primarily at Eburodunum (Yverdon) and Aventicum (Avenches)	Dworakowska 1983: 19; Staehelin 1948: 425
La Raposera	39.083509	-6.293847	18 km north of Mérida	Spain	Lusitania	Grey granite, used locally and perhaps exported regionally in the Roman period	Pizzo 2010
La Rierussa	41.459772	1.849318	30 km west of Barcelona	Spain	Tarraconensis	Limestone, used locally in the Roman period	Gutiérrez 2009
La Roche l'Abeille	45.596944	1.240000	South of Limoges	France	Aquitania	Serpentine; used locally in the Roman Imperial period	Bedon 1984: 62
La Roche-Taillée	47.592538	3.750291	Near Arcy-sur-Cure	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 78
La Romana	38.366263	-0.896187	Inland from Alicante	Spain	Tarraconensis	Grey limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
La Turbie	43.747222	7.395000	Between Nice and Monaco	France	Alpes Maritimae	Limestone; used locally in the Roman Imperial period, primarily for the nearby Trophée des Alpes	Dworakowska 1983: 16; Formigé 1949: 77; Mazeran 1999
La-Pène-Saint-Martin	42.911676	0.695949	On the right bank of the Garonne, opposite Saint-Béat	France	Aquitania	A yellow breccia ( <i>brèche des Romains</i> ) with grey streaks and rose patches; exported regionally in the Roman Imperial period, particularly from the Trajanic period	Bedon 1984: 64; Lazzarini and Sangati 2004: 76-77; Blanc and Blanc 2012
Lady Down	51.093611	-1.805000	Near Old Sarum, Wiltshire	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Pearson 2006

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Laghia-Dimaristika	36.478056	22.471111	On the Mani Peninsula	Greece	Achaia	Dark brown-red marble ( <i>rosso antico</i> ), in various shades, with occasional light grey veins; exported inter-regionally by at least the early Roman period	Gnoli 1988: 187-191; Mielsch 1985: 59
Lago Maggiore	45.968056	8.653889	North of Milan	Italy	Italia XI	Granite; used locally and possibly exported regionally in the Roman period	Braemer 1992
Latomi	38.384987	26.135160	Eastern Chios	Greece	Asia	Pink-red recrystallised limestone ( <i>marmor chium</i> or <i>portasanta</i> ) breccia with large angular crystals of white, grey and red, and bands of white and pink; found in Rome from the Augustan period onwards and in particular in the Trajanic and Hadrianic periods	Gnoli 1988: 172-173; Mielsch 1985: 55-56; Dworakowska 1975; Ballance 1966: 79; Hunt 1940-1945
Lavadra	43.938661	15.164293	In the Zadar islands	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Lavagna	44.308611	9.342778	South-western Liguria	Italy	Italia IX	Schist ( <i>ardesia</i> ); used locally in the Roman Imperial period and exported regionally	Bruno 2002b
Lavera	43.388743	5.029072	30 km north-west of Marseille	France	Narbonensis	Limestone, used locally and exported regionally, notably to Marseille	Tréziny 2009
Layana	42.297474	-1.249086	Near Uncastillo, Zaragoza province	Spain	Tarraconensis	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988: 62
Le Moulin-de-Champagne	48.683491	7.334625	North of Reinhardmünster	France	Germania Superior	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 44, 96
Le Poujol-sur-Orb	43.580000	3.059722	North-west of Béziers	France	Narbonensis	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 33
Lepoura	38.403056	24.091667	Just east of Aliveri on Euboea	Greece	Achaia	Two varieties of limestone, one white-grey and one a variety of <i>fior di pesco</i> ; the latter exported inter-regionally in the Roman Imperial period or later	Russell and Fachard 2012
Les Averdines	47.160833	2.679167	East of Bourges	France	Aquitania / Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 15-17, 61
Les Bréguines	43.442318	3.212108	Near Béziers	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 25, 33

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Les Escaunes	43.914722	4.551111	North-east of Nîmes	France	Narbonensis	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 31, 84
Les Fouilletires	47.465232	3.256687	Just north of Entrains-sur-Nohain	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 74, pl. 17
Les Petits Caous	43.431111	6.803333	Just north of Boulouris	France	Narbonensis	Light blue-grey porphyry ( <i>porfido bigio</i> or <i>granito a morviglione</i> ) with white, pink, grey and blue flecks; used locally from Archaic period; exported further sporadically and then only to Rome	Mielsch 1985: 66; Gnoli 1988: 140-141; Bedon 1984; Mazeran 2004
Lespignan	43.272500	3.173611	South of Béziers	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 33
Levanto	44.170556	9.613056	Southern Liguria	Italy	Italia IX	Dark brown breccia marble ( <i>breccia quintilina</i> ) with shades of black and swirling white veins; used locally and exported regionally in the Roman Imperial period	Mielsch 1985: 53; Gnoli 1988: 260; Lazzarini and Sangati 2004: 76-77
Lez	42.909167	0.700833	South-east of Saint-Béat	France	Aquitania	White marble; used locally in the Roman period and probably exported regionally	Bedon 1984: 65-66
Lindos	36.090278	28.086667	South-East Rhodes	Greece	Asia	Marble; used locally in the Roman period and earlier	Higgins and Higgins 1996
Locuon	48.150808	3.303469	Western Brittany	France	Lugdunensis	Granite; used locally and possibly exported regionally in the Roman period	Maligorne <i>et al.</i> 2002
Longwy	49.513632	5.768150	Near Arlon	France	Belgica	Limestone; used locally in the Roman Imperial period	Bedon 1984: 51
Los Castillejos	36.982682	-4.912673	Near Teba, 30 km west of Antequera	Spain	Baetica	Pink-white limestone, used locally and exported regionally in the Roman period	Beltrán <i>et al.</i> 2014
Lubrin	37.215556	-2.066667	Near Macael	Spain	Tarraconensis	White marble; used locally in the Roman period and probably exported regionally	Cisneros Cunchillos 1988
Lunghezza	41.923056	12.671944	Along the Aniene near Salone	Italy	Italia I	Tuff ( <i>tufo lionato</i> or <i>tufo dell'Aniene</i> ); used locally from the Republican period, primarily at Rome	Jackson and Marra 2006

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Lunzen	48.179551	15.234431	South of Pöchlarn	Austria	Noricum	White marble; used locally in the Roman period and probably exported regionally	Djurić and Müller 2009
Luque	37.561616	-4.277326	East of Italica	Spain	Baetica	Limestone; used locally in the Roman Imperial period	Canto 1977-1978
Lyon/Yzeron	45.767090	4.833885	Just south of Lyon	France	Lugdunensis	Schist; used locally from the middle of the 1st century BC at nearby Lyon	Bedon 1984: 27-28
Macael	37.332222	-2.304722	Almería province	Spain	Tarraconensis	A pure white calcitic marble ( <i>blanco Macael</i> ), and possibly a limestone similar to cipollino (anasol); the former exported across southern Spain in the Roman Imperial period	Canto 1977-1978: 172; Lapuente and Blanc 2002; Álvarez <i>et al.</i> 2009a: 80–5
Mackwiller	48.921016	7.175817	North-west of Saverne	France	Germania Superior	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 44-45
Madonna d'Alto Mare	40.295363	17.531263	20 km south-east of Taranto	Italy	Italia II	Limestone, used locally in the Roman period	Calia <i>et al.</i> 2002
Mahdia	35.503056	11.066111	Just outside Mahdia	Tunisia	Africa Proconsularis	Sandstone; used locally from the Punic period	Paskoff and Troussset 2004: 151-152
Maidstone	51.270556	0.523611	North-west Kent	Britain	Britannia	Limestone (Kentish ragstone); used locally in the Roman Imperial period and exported regionally, mainly to London	Blagg 1990
Malakoff	36.097484	1.240533	South-west of modern Chlef	Algeria	Mauretania Caesariensis	Limestone; used locally in the Roman Imperial period	Gsell 1911: 12.171
Malko Turnavo	41.979640	27.522708	Central Bulgaria	Bulgaria	Thracia	Limestone; used locally in the Roman Imperial period	Braemer 1986
Mandilou	37.930278	24.525000	On the islet of Mandilou in the straits between Euboea and Andros	Greece	Achaia	Sandstone; used locally in the Roman Imperial period	Chidioglou 2009
Mannersdorf	47.974463	16.602554	31 km south of Vienna, Austria	Austria	Pannonia Superior	Limestone, used locally in the Roman period	Pivko 2012
Marathi	37.082500	25.200278	South-west of Marathi, central Paros	Greece	Achaia	White marble ( <i>lychnites</i> , <i>marmor parium</i> , <i>paria lithos</i> or Paros-1) with medium crystalline grains and translucent finish when polished; widely exported in Roman period and earlier	Gnoli 1988: 261-262; Mielsch 1985: 61; Dworakowska 1975; Renfrew and Springer Peacy 1968; Herz 2000; Korres 2000

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Margaritis	38.552108	26.120164	North-east Chios	Greece	Asia	Black marble ( <i>nero antico chiota</i> ); used locally in Roman Imperial period and probably exported	Lazzarini and Sangati 2004: 76-77; Pensabene and Lazzarini 1998; Lazzarini 2007: 151-159
Marignac	42.913889	0.659722	South of Saint-Béat	France	Aquitania	White marble; used locally in the Roman period and probably exported regionally	Bedon 1984: 65
Marítima Residencial	41.161404	1.431387	18 km east of Tarragona	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Gutiérrez 2009: 127–30
Marmara Adası	40.650833	27.656944	On the north side of the island, ancient Prokonnesos	Turkey	Asia	Several varieties of medium-grained white marble ( <i>marmo di Proconneso</i> ), one with faint light blue bands; used locally from Archaic period and widely exported from the 2nd century AD	Gnoli 1988: 263-264; Mielsch 1985: 60-61; Dworakowska 1983; Walker 1984; Pensabene 1978 and 1981; Ward-Perkins 1980a; Monna and Pensabene 1977: 145-174; Hasluck 1909; Asgari 1979; Asgari 1989; Asgari 1990; Asgari 1992; Attanasio 2003: 194-199
Marmaro	36.426715	22.477300	On the Mani Peninsula	Greece	Achaia	Dark brown-red marble ( <i>rosso antico</i> ), in various shades, with occasional light grey veins; exported inter-regionally by at least the early Roman period	Gorgoni <i>et al.</i> 1992; Gorgoni, Lazzarini and Pallente 2002
Marmaromandra	40.765187	24.689206	Just south-west of Limenas, Thasos	Greece	Macedonia	White-grey marble, used locally throughout antiquity	Wurch-Koželj and Koželj 2009
Marquise	50.812042	1.703805	Quarries located near Calais	France	Belgica	Grey-white limestone; used locally in the Roman Imperial period and probably exported regionally, perhaps to Britain	Bedon 1984: 51, 70; Blagg 1990
Marsa Douiba	37.256054	9.445740	Just east of Cap Serrat	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 212-4
Marseille	43.299444	5.383056	Southern Provence	France	Narbonensis	Limestone; used locally from the Archaic period	Bedon 1984: 24, 59; Tréziny 2009
Martorell	41.473597	1.927487	Near Barcelona	Spain	Tarraconensis	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Gutiérrez 2009: 253
Mas del Marquès	41.136436	1.351223	9 km east of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra del Médol</i> ), used locally in the Roman period	Gutiérrez 2009: 159–66
Mas dels Arcs	41.150757	1.248954	Just north of Tarragona	Spain	Tarraconensis	Limestone ( <i>soldó</i> ), used locally in the Roman period	Gutiérrez 2009: 204–8

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Mauerley	50.436604	7.278119	Near Wassenach, east of Andernach	Germany	Germania Superior	Basalt, used locally in the Roman period	Mangartz 2000
Mauvro Spilies	37.905406	22.837463	Just west of Corinth	Greece	Achaia	Oolitic limestone, used locally and perhaps exported regionally in the Roman period	Hayward 1999
Megara	37.993889	23.345556	Central Megarid	Greece	Achaia	Marble ( <i>marmo megarense</i> ); used locally from the Archaic period	Higgins and Higgins 1996
Melanes	37.089444	25.437778	Central Naxos	Greece	Achaia	Coarse-grained white marble with blue or grey bands; used locally and exported regionally throughout antiquity	Attanasio 2003: 184
Mianes/Kokkinoghia	36.386111	22.483056	On the Mani Peninsula	Greece	Achaia	Dark brown-red marble ( <i>rosso antico</i> ), in various shades, with occasional light grey veins; exported inter-regionally by at least the early Roman period	Gorgoni <i>et al.</i> 1992; Gorgoni, Lazzarini and Pallente 2002
Mijas	36.595556	-4.636667	Malaga province	Spain	Baetica	Marble; used locally and exported regionally in the Roman Imperial period	Cisneros Cunchillos 1988; Lapuente and Blanc 2002; Lapuente <i>et al.</i> 2002; Álvarez <i>et al.</i> 2009a: 106–13; Beltrán and Rodríguez 2010
Mokada Nazizi	36.559859	2.091390	Near Cherchel (Iol Caesarea)	Algeria	Mauretania Caesariensis	Sandstone; used locally in the Roman Imperial period	Leveau 1984: 299-300
Monda	36.630000	-4.830833	Malaga province	Spain	Baetica	Marble; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Álvarez <i>et al.</i> 2009a: 108
Mons Berenicides	24.743482	34.705718	North-west of Berenike, Eastern Desert	Egypt	Aegyptus	Light alabaster ( <i>alabastro bianco</i> ) with grey-white tones and occasional fine veins; exported regionally from the Ptolemaic period	Mielsch 1985: 40; Gnoli 1988: 219; Fant 1990: 101
Mons Claudianus (Gebel Fatira)	26.809167	33.285556	48 km north-west of Safaga, Eastern Desert	Egypt	Aegyptus	White-grey granodiorite ( <i>granito del foro</i> ) flecked with black; exported in Roman Imperial period, predominately to Italy	Mielsch 1985: 69; Gnoli 1988: 148-150; Bülow-Jacobsen 1988; Klein 1988: 120-175; Kraus and J. Röder 1962a; Kraus and J. Röder 1962b; Kraus, J. Röder and Müller-Wiener 1967; Meredith 1952; Peacock and Maxfield 1997; Maxfield and Peacock 2001a; Klemm and Klemm 2008: 280-290



Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Mons Porphyrites (Gebel Dokhan)	27.214553	33.257231	50 km west of Hurghada, Eastern Desert	Egypt	Aegyptus	A number of varieties of porphyry, the most important one being dark purple-red ( <i>porfido rosso</i> ); also at least two types of black porphyry ( <i>porfido nero</i> and <i>porfido nero grafico</i> ) and two of green porphyry of varying shades ( <i>porfido verde egiziana</i> and <i>porfido verde oliva</i> ) - an orange-red porphyry ( <i>porfido rosso laterizio</i> ) also came from this site. All of these materials were exported in the Roman Imperial period but only the purple variety in anything other than minute quantities	Delbrück 1932; Mielsch 1985: 64-70; Lucci 1964; Meredith and Tregenza 1950; Meredith 1952; Meredith 1953; Maxfield and Peacock 2001b
Mont-Saint-jean	47.292721	4.402751	North of Autun	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 35
Montagnola Senese	43.283343	11.183065	Quarries at Molli, Tegoia and Montarrenti, just to the south-west of Sienna	Italy	Italia VII	Two types of golden yellow breccia marble ( <i>breccia dorata</i> and <i>breccia gialla fibrosa</i> ); used locally and probably exported in small quantities in the Roman Imperial period	Lazzarini and Sangati 2004: 76-77; Bruno 2002b
Montagny	45.628829	4.747989	South of Lyon, near St Etienne	France	Narbonensis	Granite; used locally in the Roman Imperial period	Bedon 1984: 30
Montalieu- Vercieu	45.813922	5.403756	North-west of Peyrieu	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 33
Monte Capanne	42.771389	10.167500	On Elba	Italy	Italia VII	Medium-grained grey granite ( <i>granito dell'Elba</i> ) with shades of pink, light green and cream-white; used locally and exported regionally, to Italy, in the Roman Imperial period	Mielsch 1985: 69; Gnoli 1988: 154
Montecalvo	42.395278	13.189444	Near Rieti, Lazio	Italy	Italia IV	Marble ( <i>giallo tigrato</i> ); used locally and exported regionally in the Roman period	Bruno 2002b
Monteverde	41.877500	12.457222	South of Trastevere, Rome	Italy	Italia I	Tuff ( <i>tufo lionato</i> or <i>tufo di Monteverde</i> ); used locally from early Republican period, primarily at Rome	Heiken, Funicello and Di Rita 2005
Montjuïc	41.366667	2.166667	Near Barcelona	Spain	Tarraconensis	Sandstone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Gutiérrez 2009: 92–101; Miró and Revilla 2012

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Montmaurin	43.224722	0.636944	North of St-Gaudens	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 64, 76
Moria	39.133333	26.516389	Eastern Lesbos	Greece	Asia	Bluish tinged, coarsely crystalline marble ( <i>bigio antico</i> ), often with white veins; reasonably widely exported in the Roman Imperial period	Dwarakowska 1971; Millar and Williams 1993; Lazzarini, Pensabene and Turi 1999
Moulay Idriss	34.053611	-5.523056	Near Volubilis	Morocco	Mauretania Tingitana	Limestone, used at nearby Volubilis in the 1st and 2nd centuries AD	Feray and Paskoff 1966; Dworakowska 1983: 13-14
Mount Etna	37.755000	14.995833	Eastern Sicily	Italy	Sicilia	Basalt; used sporadically in the Roman Imperial period and probably earlier	Wilson 1990: 239-240
Mount Gilboa	32.475775	35.420441	Near Beth She'an, ancient Scythopolis	Israel	Judaea	Limestone; used locally in the Roman Imperial period and probably earlier, notably at Scythopolis	Tsafrir and Foerster 1997: 89
Mount Hymettos	37.957500	23.811667	Located on west side of middle peak of the mountain, around 11 km from Athens	Greece	Achaia	White marble ( <i>marmo dell'Imetto</i> ) with fine grey veins running through it; used locally from the Classical period and exported inter-regionally in the Roman period	Gnoli 1988: 263; Ampolo 1982; Goette <i>et al.</i> 1999; Mielsch 1985: 61; Ober 1981; Langdon 1988: 75
Mount Kionia	38.048889	24.320833	Near Marmari on Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Chidioglou 2009
Mount Kynthos	37.399444	25.266389	On Delos	Greece	Achaia	Coarse white marble used locally throughout antiquity	Dwarakowska 1971; Higgins and Higgins 1996: 173-174
Mount Oberes	38.048889	24.320833	Near Marmari on Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Chidioglou 2009
Mount Paikon	40.892408	22.362108	North-west of the Macedonian plain	Greece	Macedonia	Marble; used locally from Hellenistic period and possibly earlier	Vakoulis <i>et al.</i> 2002
Mount Pyrgari	38.122500	24.215000	Near Nimborio on Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Chidioglou 2009
Mount Vermion	40.500278	21.998611	West of the Macedonian plain	Greece	Macedonia	Marble; used locally from Hellenistic period and possibly earlier	Vakoulis <i>et al.</i> 2002

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Mount Vrethela	38.100003	24.266765	Near Marmari on Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Chidioglou 2009
Mountanistika	36.461111	22.439167	On the Mani Peninsula	Greece	Achaia	Dark-grey, black limestone; used locally and probably exported regionally in the Roman Imperial period	Bruno and Pallante 2002
Mourgena	40.766183	24.716334	Just south of Limenas, Thasos	Greece	Macedonia	White-grey marble, used locally throughout antiquity	Wurch-Koželj and Koželj 2009
Mraissa	36.932807	10.793633	On the western side of Cap Bon	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 188-189
Mrzen	41.551423	21.974682	North of Edessa, near Stobi	Macedonia	Macedonia	Marble; used locally in the Roman Imperial period	Керамидчиев 1981-1982: 109-124
Mula	38.040504	-1.486528	Near Mula	Spain	Tarraconensis	Red travertine, used locally in the Roman period	Soler 2008
Mus	43.740000	4.200556	South-west of Nîmes	France	Narbonensis	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 58, 89
Muslubium	36.638800	5.227267	Modern Cap Aokas, west of ancient Muslubium	Algeria	Mauretania Caesariensis	Granite; used locally in the Roman Imperial period	Gsell 1911: 7.56
Musso	46.112222	9.275833	On Lake Como	Italy	Italia XI	Marble; used locally in the Roman Imperial period	Braemer 1992; David and De Michele 1999; Meloni and Oddone 2002
Myloi	38.034446	24.438152	South-eastern Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Mielsch 1985: 58; Gnoli 1988: 181-183; Lambraki 1980: 31-62; Hankey 1965; Pensabene 1998b; Sutherland and Sutherland 2002; Tsoflias 1982; Chidioglou 2009
Myrtia	38.260659	24.201910	Between Dystos and Styra, Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Russell and Fachard 2012
Nabi-Younes	33.661490	35.418614	Ancient Porphyron, 12 km north of Sidon	Lebanon	Syria	Limestone and sandstone, used locally in the Roman period	Badawi 2002
Nahal Besor	31.461390	34.372500	At the mouth of the wadi Gaza, Gaza	Israel / Palestinian Territories	Judaea	Limestone; used locally in the Roman Imperial period and possibly earlier	Sumaka'I Fink 2000

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Nahr el Bared	34.515114	35.960948	14 km north-east of Tripoli	Lebanon	Syria	Limestone; used locally in the Roman Imperial period and possibly earlier	Badawi 2002
Nahr el Kelb	34.068262	35.643449	Ancient Lycus Flumini, 7 km south of Byblos	Lebanon	Syria	Limestone; used locally in the Roman Imperial period	Badawi 2002
Nargedik	37.648182	28.702925	11 km south-west of Aphrodisias	Turkey	Asia	White marble, used locally in the Roman period	Long 2012
Nicotera	38.555833	15.937222	North-western Calabria	Italy	Italia III	Granite ( <i>granito di Nicotera</i> ); used locally in the Roman Imperial period and exported regionally, to elsewhere in Italy	Solano 1985; Lazzarini and Sangati 2004: 76-77
Niedermendig	50.373553	7.286674	In the Brohl valley	Germany	Germania Superior	Basalt; used locally in the Roman Imperial period	Bedon 1984: 73, 89
Nievelstein	50.887921	6.063507	Just north of Aachen	Germany	Germania Inferior	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 51
Nissan-lez-Ensérune	43.288889	3.127500	South-west of Béziers	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 33, 77
Norroy	48.217650	5.919012	Pont à Mousson, south-west of Metz	France	Belgica	Limestone; used locally and exported regionally in the Roman Imperial period, notably to other cities along the Moselle and the Rhine	Dworakowska 1983: 17; Bedon 1984; Hayward 2006
Novelda	38.386274	-0.765468	Just west of Alicante	Spain	Tarraconensis	Pink-brown-white marble ( <i>rosa Novelda</i> ) with cloudy red-pink patches; used locally and exported regionally in the Roman Imperial period	Grünhagen 1978: 304
Ntikali	34.932500	24.923611	Just north of Lentas, southern Crete	Greece	Creta et Cyrene	Grey-blue and white marble ( <i>marmogortino</i> ) with dark veins; used locally in Roman period and possibly earlier	Paton and Schneider 1999: 292; Lazzarini 2002a
Öblarn	47.377125	14.493598	Western Styria	Austria	Noricum	White marble, used locally in the Roman period	Djurić and Müller 2009
Olbia	40.922778	9.485556	North-east Sardinia	Italy	Sardinia et Corsica	Grey-pink granite ( <i>granito della Sardegna</i> ); used locally and exported regionally, to elsewhere in Italy, in the Roman Imperial period	Williams-Thorpe and Rigby 2006
Olèrdola	41.302238	1.709353	50 km north-east of Tarragona	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Gutiérrez 2009: 249–51
Ören	37.657539	28.752620	7 km south of Aphrodisias	Turkey	Asia	White marble, used locally in the Roman period	Long 2012

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Otusbir	37.913120	27.271049	On the road between Ephesos and Kusadasi	Turkey	Asia	Grey-white marble, used locally and perhaps regionally in the Roman period	Vetters 1990
Oued Akrech	34.047500	-6.811944	Near Sala, on the coast west of Volubilis	Morocco	Mauretania Tingitana	Limestone; used locally in the Roman Imperial period	Boube 1967: 267; Euzennat 1989: 149
Oust	42.875833	1.213056	South of St-Girons	France	Aquitania	Marble; used locally in the Roman Imperial period	Bedon 1984: 67
Ovidiu	44.255062	28.563360	Just north of Constanța	Romania	Moesia Inferior	Limestone; used locally in the Roman Imperial period	Rădulescu 1972
Oxyrhynchos	28.538333	30.649722	In the Fayum	Egypt	Aegyptus	Limestone; used locally from the Ptolemaic period	Fitzler 1910: 109, 112
Palermo	38.116389	13.361667	Ancient Lilybaeum, northern Sicily	Italy	Sicilia	Grey-white limestone; used locally in the Roman Imperial period	Wilson 1990: 239-240
Palmyra	34.547500	38.278611	10 km north-east of Palmyra	Syria	Syria	Hard sandy coloured limestone; used locally in the Roman Imperial period, notably at nearby Palmyra	Schmidt-Colinet 1990
Pamucak	37.935863	27.279060	On the road between Ephesos and Kusadasi	Turkey	Asia	Red breccia, used locally and probably regionally in the Roman period	Vetters 1990
Panayirdağ	37.943670	27.353860	Just east of Ephesos	Turkey	Asia	Grey marble ( <i>bigio antico</i> ), used locally in the Roman period	Yavuz, Bruno and Attanasio 2011
Papalimani	40.783510	24.669007	Just west of Limenas, Thasos	Greece	Macedonia	Grey marble, used locally throughout antiquity	Wurch-Koželj and Koželj 2009
Paphos	34.768611	32.580556	South-west Cyprus	Cyprus	Cyprus	Limestone; used locally in the Roman Imperial period and earlier	Maier and Karageorghis 1984: 249-277
Paximadhi	37.965556	24.383056	Just south-west of Karystos on Euboea	Greece	Achaia	Sandstone; used locally in the Roman Imperial period, primarily at nearby Karystos	Keller 1985: 85-86
Pedreres de l'Aqüeducte	41.146717	1.243121	Just north of Tarragona	Spain	Tarraconensis	Limestone ( <i>soldó</i> ), used locally in the Roman period	Gutiérrez 2009: 197–204
Pegazzano-Biassa	44.109167	9.814722	Just outside of La Spezia, Liguria	Italy	Italia IX	Pink-brown marble ( <i>breccia rossa appenninica</i> ) with lighter and darker shades of pink-red; exported to Rome in small quantities in the Roman Imperial period	Bruno and Lazzarini 1999; Lazzarini and Sangati 2004: 76-77

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Penteli	38.073889	23.881944	North-east of Athens, Attica	Greece	Achaia	White marble ( <i>marmo pentelico</i> ) with very fine crystalline grains and honey-yellow shade, often with iron/mica inclusions; used locally from Archaic period and widely exported in the Roman period	Gnoli 1988: 263; Mielsch 1985: 61; Dworakowska 1975; Goette <i>et al.</i> 1999; Pike 1999
Petra	30.330022	35.430911	All around the city of Petra	Jordan	Arabia	Sandstone, used locally	Rababeh 2005; Bessac 2007
Peyrus	44.911862	5.103581	Near Valence	France	Narbonensis	Tuff; used locally in the Roman Imperial period	Bedon 1984: 57
Piano di Sorrento	40.639384	14.402757	3 km east of Sorrento	Italy	Italia I	Grey tuff, used locally in the Roman period	Kastenmeier <i>et al.</i> 2010
Pieria Mountains	40.251667	22.415000	Just north of Mount Olympos	Greece	Macedonia	Marble; used locally from Hellenistic period and possibly earlier	Vakoulis <i>et al.</i> 2002
Pinarcik	37.472222	27.490000	Near ancient Herakleia-on-Latmos	Turkey	Asia	Marble; used locally from at least the Hellenistic period	Peschlow-Bindoket 1981; Attanasio 2003: 180
Pitaranha	39.369968	-7.316291	9 km east of Ammaia	Portugal	Lusitania	Granite, used locally in the Roman period	Taelman <i>et al.</i> 2012
Planica	46.469871	15.580475	Near Fram, Pohorje	Slovenia	Pannonia Superior	White marble; used locally and exported regionally in the Roman period	Djurić 1997
Plate	43.364667	16.602618	On Brač Island	Croatia	Dalmatia	Limestone; used locally and exported regionally in the Roman period	Bulić 1908: 86
Platja de l'Arrabassada	41.116929	1.274308	Just east of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra del Médol</i> ), used locally in the Roman period	Gutiérrez 2009: 174–6
Platja dels Capellans	41.131803	1.390551	15 km east of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra d'Altafulla</i> ), used locally in the Roman period	Gutiérrez 2009: 135–8
Platsa	36.721851	22.374832	On the Mani Peninsula	Greece	Achaia	Dark brown-red marble ( <i>rosso antico</i> ), in various shades, with occasional light grey veins; exported inter-regionally by at least the early Roman period	Gorgoni <i>et al.</i> 1992; Gorgoni, Lazzarini and Pallente 2002
Podpeč	45.973932	14.419169	In the territory of Emona (Ljubljana)	Slovenia	Pannonia Superior	Limestone; used locally in the Roman Imperial period	Djurić 1997
Pompeii	40.750171	14.482372	Along the western side of the city	Italy	Italia I	Lava and scoria, used locally	Kastenmeier <i>et al.</i> 2010
Pont-Evêque	45.530886	4.913570	Near ancient Vienne	France	Narbonensis	Sandstone; used locally in the Roman Imperial period	Bedon 1984: 32

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Ponte Mammolo	41.924722	12.571111	Where the Via Tiburtina crosses the Aniene	Italy	Italia I	Tuff, used locally from the Republican period, primarily at Rome	Quilici and Quilici Gigli 1993: 366-390
Ponteau	43.368744	5.017284	30 km north-west of Marseille	France	Narbonensis	Limestone, used locally and regionally in the Roman period	Tréziny 2009
Portland	50.566944	-2.444722	Southern Dorset	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Cunliffe and Fulford 1988: xiv
Porto Rotondo	41.025833	9.543611	North-east Sardinia	Italy	Sardinia et Corsica	Grey-pink granite ( <i>granito della Sardegna</i> ); used locally and exported regionally, to elsewhere in Italy, in the Roman Imperial period	Williams-Thorpe and Rigby 2006
Pourcieux	43.470556	5.785833	North-east of Marseille	France	Narbonensis	Limestone breccia; used locally in the Roman Imperial period and exported regionally	Mazeran 1999
Priene	37.659167	27.298056	Near the mouth of the Maeander	Turkey	Asia	Marble; used locally from at least the Hellenistic period	Dodge 1988: 71); Pensabene 2002a, 219
Prisat	41.408962	21.594376	Just north of Prilep	Macedonia	Macedonia	Marble; used locally in the Roman Imperial period	Керамидчиев 1981-1982: 109-124; Niewöhner and Prochaska 2011: 436–9
Profitis Elias	36.483056	22.433611	On the Mani Peninsula	Greece	Achaia	Dark brown-red marble ( <i>rosso antico</i> ), in various shades, with occasional light grey veins; exported inter-regionally by at least the early Roman period	Gorgoni <i>et al.</i> 1992; Gorgoni, Lazzarini and Pallente 2002
Proserpina	38.974435	-6.371269	5 km north of Mérida	Spain	Lusitania	Grey granite, used locally and perhaps exported regionally in the Roman period	Pizzo 2010; Williams-Thorpe and Potts 2002
Prozor	44.848433	15.268818	Near Otočac in Lika	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Šarić 1980; Škegro 2006: 161-162
Ptolemais	32.708333	20.951667	Modern Tolmeitha, east of Benghazi	Libya	Creta et Cyrene	Limestone; used locally from the Hellenistic period	Dworakowska 1983: 13
Puch	46.665227	13.766145	Near Gummern, Carinthia	Austria	Noricum	White marble; used locally in the Roman Imperial period	Dworakowska 1983: 19; Alföldy 1974: 109
Puig d'en Torró	41.976287	3.083859	Just east of Girona	Spain	Tarraconensis	Sandstone ( <i>pedra dels Clots</i> ), used locally in the Roman period	Gutiérrez 2009: 54-62
Pulborough	50.956944	-0.497500	West Sussex	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Blagg 1990
Punta de la Creueta	41.129094	1.325177	8 km east of Tarragona	Spain	Tarraconensis	Limestone ( <i>pedra del Médol</i> ), used locally in the Roman period	Gutiérrez 2009: 166–9

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Purbeck	50.597500	-2.038611	South-eastern Dorset	Britain	Britannia	Dark brown and black recrystallised limestone (Purbeck marble), flecked with green, yellow and other shades of brown; exported regionally in Roman Imperial period	Dworakowska 1983: 18; Beavis 1970: 195; Williams and Peacock 2002
Pustograd	43.957843	15.385760	On the island of Pašman	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Queen's Crag	55.013611	-2.329722	Near Housesteads, Northumberland	Britain	Britannia	Limestone; used locally in the Roman Imperial period, notably for construction along Hadrian's Wall	Pearson 2006; Collingwood and Wright 1965
Quseir el-Amarna	27.418333	30.867778	Near El-Qorgas, on the eastern bank of the Nile	Egypt	Aegyptus	Dense grey-yellow limestone; used locally from the Pharaonic to the Coptic period	Klemm and Klemm 2008: 98-104
R'mel	37.299722	9.604444	On the coast north of Lac Ichkeul	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 202
Ramat Hanadiv	32.552874	34.945734	On the southern slopes of the Carmel	Israel	Judaea	Limestone; used locally in the Roman Imperial period and possibly earlier	Sumaka'I Fink 2000
Ramat Sharett	32.569183	34.953239	Zikhron Ya'akov, on the southern slopes of the Carmel	Israel	Judaea	Limestone; used locally in the Roman Imperial period, probably at nearby Caesarea Maritima	Sumaka'I Fink 2000
Raouad	36.890242	10.315858	Near Tunis	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 195
Ras el Abiad	33.162340	35.171104	Ancient Promontorium Album, south of Tyre	Lebanon	Syria	Gypsum, limestone and sandstone, used locally in the Roman period	Badawi 2002
Ras el-Hammām	32.595833	14.302500	5 km south of ancient Lepcis Magna	Libya	Africa Proconsularis	Several varieties of white, cream and yellow limestone, as well a yellow sandstone; used locally from Carthaginian/Punic period at nearby Lepcis Magna	Chiesa 1949: 25-26; Bakir 1968: 24
Ras el-Mergheb	32.632778	14.232778	6 km west of Lepcis Magna	Libya	Africa Proconsularis	Creamy white limestone; used locally from Punic period at nearby Lepcis Magna	Chiesa 1949: 26
Ras et Tarf	37.179444	10.280278	North of Tunis	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 196-197
Ras-es-Saqa	34.292556	35.672075	5 km new of Batroun (Botrys)	Lebanon	Syria	Gypsum, used locally in the Roman period	Badawi 2002



Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Rasohe	43.368522	16.604833	On Brač Island	Croatia	Dalmatia	Limestone; used locally and exported regionally in the Roman period	Dworakowska 1983: 21-22
Rava	44.021557	15.065916	In the Zadar islands	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Renes	38.777222	24.636944	South of Skyros	Greece	Achaia	Marble breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ) consisting of long fragments of white, grey, pink and yellow; widely exported in the Roman Imperial period	Mielsch 1985: 47; Gnoli 1988: 232-235; Dworakowska 1975
Rettenstein	47.236368	12.276626	In the upper Enns valley	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997
River Gelt	54.901389	-2.728889	East of Carlisle, Cumbria	Britain	Britannia	Limestone; used locally in the Roman Imperial period, notably for construction along Hadrian's Wall	Pearson 2006; Collingwood and Wright 1965
Rocca Argenteria	37.812222	13.302778	Near Corleone, Sicily	Italy	Sicilia	Grey granite; used locally in the Roman Imperial period and possibly earlier	Wilson 1990: 239-240
Roda de Berà	41.190141	1.462858	20 km east of Tarragona	Spain	Tarraconensis	Limestone, used locally in the Roman period	Gutiérrez 2009: 113–20
Rodadero de los Lobos	37.920637	-4.823768	North of Corduba	Spain	Baetica	Limestone, used locally in the Roman period	Gutiérrez Deza 2012
Rome	41.888889	12.486944	On the Palatine and the Aventine	Italy	Italia I	Tuff ( <i>tufo del Palatino</i> or <i>tufo pisolitico</i> ); used at Rome from early Republican period	Heiken, Funiciello and Di Rita 2005
Roquefort	43.171667	0.966389	South of Boussens	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 64
Roquemaillères	43.834386	4.360809	In Nîmes	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 30-31
Roselle	42.826944	11.159167	Grosseto province	Italy	Italia VII	Pink marble breccia ( <i>breccia rosata di Roselle</i> ); exported regionally in the Roman Imperial period	Bruno 2002b
Royanejos	38.974435	-6.371269	6 km north of Mérida	Spain	Lusitania	Grey granite, used locally and perhaps exported regionally in the Roman period	Pizzo 2010
Rubí	41.492912	2.030646	15 km north-west of Barcelona	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Gutiérrez 2009: 253

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Sabratha	32.805278	12.485000	In Tripolitania, west of Tripoli	Libya	Africa Proconsularis	Varieties of limestone and sandstone; used locally in the Roman Imperial period and probably earlier	Ward 1970: 57; Di Vita 1999: 146-159
Saelices	39.919343	-2.803648	In Cuenca province, south-east of Madrid	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Sagalassos	37.677222	30.518889	Several quarries in the territory of the city in northern Pisidia	Turkey	Lycia et Pamphylia / Pisidia	Grey-white limestone; used locally in the Roman Imperial period and possibly earlier	Waelkens <i>et al.</i> 1997; Degryse, Muchez and Waelkens 2006
Sagunto	39.681389	-0.280000	Valencia province	Spain	Tarraconensis	Compact grey limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Mayer 1992; Álvarez <i>et al.</i> 2009a: 94–9
Saint-Andéol-le-Château	45.584831	4.695642	South-west of Lyon, north-west of St Etienne	France	Narbonensis	Granite; used locally in the Roman Imperial period	Bedon 1984: 30
Saint-Béat	42.913889	0.693889	In the central Pyrenees	France	Aquitania	Pure white fine- to medium-grained marble ( <i>marmo bianco di Saint-Béat</i> ); used locally from the late 1st century BC and exported across most of southern and western Gaul in the Roman Imperial period	Costedoat 1995a; Costedoat 1995b; Chevallier 1974; Lorenz 1995; Braemer 1971; Bedon 1984
Saint-Blaise	43.456629	4.984224	South-east of Arles	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 24
Saint-Boil	46.654125	4.683568	North of Lyon in Saône-et-Loire	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Monthel and Lambert 2002; Monthel and Pinette 1977; Chevallier 1974; Braemer 1971
Saint-Christophe-le-Chaudry	46.582222	2.369167	North-west of Montluçon	France	Aquitania	Sandstone; used locally in the Roman Imperial period	Laville 1963; Braemer 1971; Bedon 1984: 61 and 89-90; Chevallier 1974
Saint-Emilan	46.906592	4.483814	South-east of Autun	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 54, 84
Saint-Hilaire-de-Laderez	43.505600	3.053647	North-west of Béziers	France	Narbonensis	Marble; used locally in the Roman Imperial period	Bedon 1984: 61
Saint-Jean-de-Verges	43.013611	1.610833	Near Foix	France	Aquitania / Narbonensis	Marble; used locally in the Roman Imperial period	Bedon 1984: 63
Saint-Léger-du-Bois	47.014408	4.447359	East of Autun	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 78
Saint-Leu-d'Esserent	49.224577	2.402140	North of Paris	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 23, 78
Saint-Marc-le-Blanc	48.365000	-1.409444	15 km west of Fougères, north-east of Rennes	France	Lugdunensis	Granite; used locally in the Roman Imperial period	Bedon 1984: 52

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Saint-Merd-les-Oussines	45.635833	2.038056	East of Limoges	France	Aquitania	Granite; used locally in the Roman Imperial period	Bedon 1984: 62
Saint-Pons-de-Thombières	43.487500	2.760278	North-west of Narbonne on the Jaur river	France	Narbonensis	Marble; used locally in the Roman Imperial period	Bedon 1984: 33, 75-77
Saint-Vaast-les-Mello	49.280855	2.384475	North of Paris	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 37, 92
Sainte-Lucie	43.048039	3.048679	On the coast south-east of Narbonne	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 134, 142
Saintes	45.747500	-0.637500	Just north of the estuary of the Garonne	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 35, 84
Sali	43.938661	15.164293	In the Zadar islands	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Saliara	40.750556	24.747222	North-east Thasos	Greece	Macedonia	Medium to coarse grained white dolomitic marble ( <i>marmor thasium</i> or Thasos-2); used in Roman period and earlier; widely exported, particularly in the 3rd century and later	Herrmann 1990; Bruno <i>et al.</i> 2002
Salla	47.055382	15.050998	North-west of Köflach	Austria	Noricum	White marble, used locally in the Roman period	Djurić and Müller 2009
Salone	41.913611	12.635556	Along the Via Tiburtina, east of Rome	Italy	Italia I	Tuff ( <i>tufo lionato</i> or <i>tufo dell'Aniene</i> ); used locally from the Republican period, primarily at Rome	Heiken, Funicello and Di Rita 2005
Sampan	47.126604	5.456605	Near Dôle	France	Germania Superior	Marble; used locally in the Roman Imperial period	Bedon 1984
San Bainzo	41.363156	9.262884	The southern tip of Cavallo island, Corsica	France	Sardinia et Corsica	Grey granite; used locally and exported regionally in the Roman period	Wilson 1988: 108-109
San Passera	41.850556	12.483333	South of Rome on the Tiber	Italy	Italia I	Tuff; used locally from the Republican period, primarily at Rome	Mocchegiani Carpano 1975-1976: 250-255
San Pedro	38.943849	-6.188445	5 km from Mérida	Spain	Lusitania	Marble; used locally in the Roman Imperial period	Canto 1977-1978: 179
Sant Martí d'Empúries	42.139446	3.118002	Just north of L'Escala, near Empúries	Spain	Tarraconensis	Limestone ( <i>pedra d'Empúries</i> ), used locally in the Roman period	Gutiérrez 2009: 33–6
Sant Vincenç de Castellet	41.665569	1.863249	Barcelona province	Spain	Tarraconensis	Sandstone ( <i>Sant Vincenç</i> ); used locally in the Roman Imperial period	Cisneros Cunchillos 1988; Gutiérrez 2009: 253
Sant'Ambrogio de Valpolicella	45.522778	10.837778	In the Lessini mountains, just east of Lake Garda	Italy	Italia X	Fine white marble; used locally in the Roman Imperial period	Braemer 2004; Roffia, Bugini and Folli 2009

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Santa Maria de la Albaida	37.913048	-4.853469	North-east of Corduba	Spain	Baetica	Limestone, used locally in the Roman period	Gutiérrez Deza 2012
São Brissos	38.071667	-7.946944	Eastern Portugal	Portugal	Lusitania	Limestone; used locally and exported regionally in the Roman period	Dworakowska 1983: 14-15
Sarafand	33.445122	35.278380	Ancient Sarepta, 20 km north of Tyre	Lebanon	Syria	Gypsum, limestone and sandstone, used locally in the Roman period	Badawi 2002
Sardis	38.487222	28.038611	In the lower Hermos valley, Lydia	Turkey	Asia	Marble; used locally from the Archaic period	Waelkens, de Paepe and Moens 1986
Sarno Valley	40.754894	14.517085	East of Pompeii	Italy	Italia I	Travertine (so-called ‘Sarno Limestone’), used locally in the Roman period	Kastenmeier <i>et al.</i> 2010
Sarp	43.015833	0.589722	South of St-Bertrand	France	Aquitania	Marble; used locally in the Roman Imperial period and exported regionally	Costedoat 1995b
Sarrancolin	42.966389	0.376389	North of Arreau in the central Pyrenees	France	Aquitania	Marble; used locally in the Roman Imperial period and exported regionally	Bedon 1984: 66, 76
Sattendorf	46.664470	13.919091	Just east of Puch, near Gummern	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997
Savonnières-en-Perthois	48.613927	5.127952	South of Bar-le-Duc	France	Lugdunensis / Belgica	Limestone; used locally in the Roman Imperial period	Bedon 1984: 50-51
Schaidberg	47.249809	13.572248	Northern Carinthia	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997
Schweppenburg	50.466742	7.305396	In the Brohl valley	Germany	Germania Superior	Tuff; used locally in the Roman Imperial period	Bedon 1984: 39, 213-217
Segorbe	39.853497	-0.486710	Castellón province	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Seix	42.863889	1.200278	South of St-Girons	France	Aquitania	Marble; used locally in the Roman Imperial period and exported regionally	Bedon 1984: 67
Sekull	46.580479	14.159540	West of Klagenfurt	Austria	Noricum	White marble, used locally and exported regionally in the Roman period	Djurić and Müller 2009
Selge	37.228333	31.127500	In the territory of Selge, Pisidia	Turkey	Lycia et Pamphylia / Pisidia	Grey-white limestone; used locally in the Roman Imperial period and probably earlier	Machatschek and Schwartz 1980

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Selsey Bill	50.722500	-0.787500	West Sussex	Britain	Britannia	Limestone; used locally in the Roman Imperial period and exported regionally	Blagg 1990
Seravezza	43.994722	10.227222	South of Carrara	Italy	Italia VII	Violet breccia marble ( <i>breccia di Serravezza antica</i> ) with white, grey-blue, red and pink shades; exported regionally in the Roman period	Mielsch 1985: 51; Gnoli 1988: 240-241; Lazzarini and Sangati 2004: 76-77; Bruno 2002b
Serranía de Ronda	36.740546	-5.165250	Near Ronda, 36 km north-west of Marbella	Spain	Baetica	Pink-red breccia, used locally and exported regionally in the Roman period	Beltrán <i>et al.</i> 2012
Servian	43.426944	3.299167	North-east of Béziers	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 33-34
Sestrunj	44.160191	14.988730	In the Zadar islands	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Settecamini	41.941389	12.628056	Along the Aniene near Salone	Italy	Italia I	Tuff ( <i>tufo lionato</i> or <i>tufo dell'Aniene</i> ); used locally from the Republican period, primarily at Rome	Jackson and Marra 2006
Shawk	54.844430	-2.985972	Near Dalstone, south-east of Carlisle, Cumbria	Britain	Britannia	Limestone; used locally in the Roman Imperial period, notably for construction along Hadrian's Wall	Pearson 2006; Collingwood and Wright 1965
Sheikh Ibada	27.834444	30.851944	Ancient Antinoopolis	Egypt	Aegyptus	White-grey limestone; used locally from the Pharaonic period but most intensively in the Roman Imperial period, after the founding of Antinoopolis	Klemm and Klemm 2008: 83-85
Sidi ben Ghayada	35.441182	11.034171	Just south of Mahdia	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Trouset 2004: 150
Sidi Daoud	37.021389	10.910278	Just west of the tip of Cap Bon	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Trouset 2004: 187
Sidi Hamza	34.833742	-1.158394	Just south of Siga, south of Ain-Tekbalet	Algeria	Mauretania Caesariensis	Marble; used locally in the Roman Imperial period	Gsell 1911: 42.73
Sidi Mechrig	37.195278	9.168889	Just west of Cap Serrat	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Trouset 2004
Sidi Moussa / Gebel Tuch	26.417778	31.834167	Near to ancient Ptolemais, 10 km north of Girga	Egypt	Aegyptus	Fine white limestone; used locally from the Ptolemaic to Roman period	Fitzler 1910: 107; Dworakowska 1983: 49 n.61; Klemm and Klemm 2008: 130-135

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Sidi-Abd-el-Basset	36.924925	9.659118	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 97-100
Sidon	33.562582	35.368690	In and around the city of Sidon	Lebanon	Syria	Gypsum, limestone and sandstone, used locally in the Roman period	Badawi 2002
Sierra de las Cabras	36.966901	-4.455604	South-east of Antequera	Spain	Baetica	Cream-white limestone and red and yellow brecciated limestone, exported regionally in the Roman period	Beltrán <i>et al.</i> 2012
Sierra de Mondúber	38.954123	-0.184736	Just south of Valencia	Spain	Tarraconensis	Limestone; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Sierra de Paloma Alta-San Bartolomé	36.072425	5.731840	4-5 km east of Baelo Claudia, near Cadiz	Spain	Baetica	Bioclastic conglomerate, used locally in the Roman period	Domínguez-Bella 2009
Sierra Elvira	37.231209	-3.673391	Just north-west of Granada	Spain	Baetica	Green marble; used locally in the Roman Imperial period	Cisneros Cunchillos 1988
Sierra Traviesa	37.688648	-5.791778	5 km west of Munigua	Spain	Baetica	Limestone; used locally in the Roman Imperial period	Schattner and Ovejero 2008
Silchester	51.353611	-1.100278	Near Reading, Berkshire	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Blagg 1990
Šilo	43.854466	15.228576	In the Kornti archipelago	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Sint-Pietersberg	50.831125	5.666787	Near Maastricht	Netherlands	Germania Inferior	Limestone; used locally in the Roman Imperial period	Bedon 1984
Sintra	38.798644	-9.385747	23 km north-west of Lisbon	Portugal	Lusitania	Pink-red limestone, used locally and exported regionally in the Roman period	Fusco and Mañas 2006; Nogles, Rodrigues and Lapuente 2008
Sivečki	41.352616	21.562319	Just outside Prilep	Macedonia	Macedonia	Coarse-grained grey marble; used locally and probably exported regionally in the Roman Imperial period	Tomović 1993: 21
Sığacık	38.178056	26.787500	Near the village of Sığacık, close to Teos	Turkey	Asia	Grey marble; used locally in the Roman Imperial period and possibly earlier	Ballance 1966
Sivaslı	38.526944	29.656111	South-east of Uşak, close to ancient Sebaste, Phrygia	Turkey	Asia	Grey-white marble; used locally in the Roman Imperial period	Pralong 1980; Asgari 1981
Skopačnik	46.052503	14.506344	In the territory of Emona (Ljubljana)	Slovenia	Pannonia Superior	Limestone; used locally in the Roman Imperial period	Djurić 1997

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Smadah	36.892231	9.409671	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 404
Šmartno	46.127070	14.476114	In the Pohorje	Slovenia	Pannonia Superior	White marble; used locally in the Roman Imperial period and exported regionally	Djurić 1997
Smokovenjak	43.854466	15.228576	In the Kornti archipelago	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Söğüt	40.021111	30.185833	In the Sagarius Valley, Bithynia	Turkey	Bithynia et Pontus	Marble; used locally in the Roman Imperial period and possibly earlie	Dodge 1988: 71
Solb ech Chergui	33.236904	11.378039	South-east of Jerba	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 94
Sölk	47.201379	14.150371	Western Styria	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić abd Müller 2009
Solothurn	47.206991	7.533266	South of Basel	Switzerland	Germania Superior	Tuff; used locally in the Roman Imperial period	Stahelin 1948: 425
Sost	42.928611	0.556944	West of Saint-Béat	France	Aquitania	Marble; used locally in the Roman Imperial period and probably exported regionally	Bedon 1984: 66, 77
Sounine	37.198889	10.159167	On the coast north of Tunis	Tunisia	Africa Proconsularis	Sandstone; used locally in the Roman Imperial period	Paskoff and Troussset 2004: 198
Sparta	37.082222	22.423611	Central Lakonia	Greece	Achaia	Dark green marble ( <i>breccia verde di Sparta</i> ) with fragments of granite and porphyry, mainly green or grey in colour; probably used in Roman Imperial period but rare before Late Antiquity when exported inter-regionally	Mielsch 1985: 66-67
Spitzelofen	46.819406	15.174473	South-west of Graz	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997
Stabia	40.693856	14.486194	6 km south of Pompeii	Italy	Italia I	Grey tuff, used locally	Kastenmeier <i>et al.</i> 2010
Stagira	40.529982	23.750854	On the eastern side of the Chersonnesus	Greece	Macedonia	Dark-grey, black marble; used locally in the Roman Imperial period	Bruno and Pallente 2002
Staje	45.959215	14.512268	In the territory of Emona (Ljubljana)	Slovenia	Pannonia Superior	Limestone; used locally in the Roman Imperial period	Djurić 1997
Stratonikeia	37.311389	28.064722	Near ancient Stratonikeia, Karia	Turkey	Asia	White marble; used locally from the Classical period	Waelkens, de Paepe and Moens 1986

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Stražišće	42.940089	17.192358	On Brač Island	Croatia	Dalmatia	Limestone; used locally and exported regionally in the Roman period	Dworakowska 1983: 21-22
Styra	38.149722	24.259722	South-eastern Euboea	Greece	Achaia	Green-grey and white streaked marble ( <i>cipollino</i> ); used locally from the Classical period but only exported widely in the Roman Imperial	Papageorgakis 1963; Vanhove 1989; Vanhove 1996
Suas	36.716135	9.576426	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 404
Sutvara	42.940089	17.192358	Island near Korčula	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period and possibly exported regionally	Gjivoje 1970: 71-73; and Fisković 1971: 143-144
Sv. Ana	45.970774	14.422268	In the territory of Emona (Ljubljana)	Slovenia	Pannonia Superior	Limestone; used locally in the Roman Imperial period	Djurić 1997
Syracuse	37.072500	15.285278	South-eastern Sicily	Italy	Sicilia	Grey-white limestone; used locally from at least the Classical period	Wilson 1990: 239-240
Taillebourg	45.835278	-0.646111	North of Saintes	France	Aquitania	Limestone; used locally in the Roman Imperial period	Bedon 1984: 35, 84-89
Taormina	37.852500	15.288611	North-east Sicily	Italy	Sicilia	Two varieties of limestone, one white-grey and one a red-pink breccia (marmo rosso di Taormina); used locally in the Roman Imperial period and possibly earlier	Wilson 1990: 239-240
Tarifa	36.010000	-5.603056	Cadiz province	Spain	Baetica	Limestone; used locally in the Roman Imperial period	Canto 1977-1978; Mayer and Rodà 1998
Tarragona	41.118611	1.233333	North-east Catalonia	Spain	Tarraconensis	Limestone ( <i>pedra del Médol</i> ), used locally in Roman period	Cisneros Cunchillos 1988; Mayer 1998; Mayer and Rodà de Llanza 1998: 229; Gutiérrez 2009: 176-80
Taskisiği	40.828670	30.448822	Near Adapazari in Bithynia	Turkey	Bithynia et Pontus	Pink-orange marble ( <i>occhio di pavone rosso</i> or <i>occhio di pavone pavonazzo</i> ) with white veins and light grey shades; exported inter-regional in the Roman Imperial period but in small quantities	Mielsch 1985: 42; Gnoli 1988: 206-209; Ward-Perkins 1980a, 23; Ward-Perkins 1980b, 325; Monna and Pensabene 1977: 74-77
Tautavel	42.813611	2.745556	North-west of Perpignan	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 64-65
Techirghiol	44.058115	28.596067	South of Constanța	Romania	Moesia Inferior	Limestone; used locally in the Roman Imperial period	Rădulescu 1972



Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Tehna	28.168611	30.768889	10 km north of Minia	Egypt	Aegyptus	Limestone; used locally from the Pharaonic period and certainly in the Ptolemaic and Roman period	Klemm and Klemm 2008: 68-69
Tendu	46.644429	1.557871	Near Saint-Marcel and Argenton-sur-Creuse (Argentomagus)	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Coulon and Tardy 1997: 199
Tentschach	46.680797	14.273755	Carinthia	Austria	Noricum	Limestone; used locally in the Roman Imperial period	Dworakowska 1983: 19
Tenuta di Cappannacce	41.941590	12.638645	Along the Aniene near Salone	Italy	Italia I	Tuff ( <i>tufo lionato</i> or <i>tufo dell'Aniene</i> ); used locally from the Republican period, primarily at Rome	Jackson and Marra 2006
Tepeler	43.314899	27.333188	Near ancient Marcianopolis, inland from Odessos	Bulgaria	Thracia	Limestone; used locally in the Roman Imperial period	Dworakowska 1983
Teucheira	32.540556	20.569722	Modern Tocrá, east of Benghazi	Libya	Creta et Cyrene	Limestone; used locally from at least the Hellenistic period	Personal observation
Theux	50.535177	5.813131	South-east of Liège and south-west of Aachen	Belgium	Germania Inferior	Black limestone; used locally and exported regionally in the Roman period	Groessens 1991
Thorikos	37.738056	24.053611	South-east Attica	Greece	Achaia	Marble; used locally from at least the Classical period	Higgins and Higgins 1996
Thunigaba	36.929065	9.257724	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 404
Tiffen	46.708350	14.058127	East of Puch and south-west of Tentschach	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997
Tilal-Sawda	28.250537	30.542874	North-west of El-Minya	Egypt	Aegyptus	Basalt, used locally in the Roman period	Storemyr <i>et al.</i> 2009: 252-254
Tintry	46.929658	4.495091	South-east of Autun	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 113
Tivoli	41.980278	12.798056	Ancient Tibur	Italy	Italia I	Tuff; used locally from the Republican period, primarily at Rome	Heiken, Funicello and De Rita 2005
Tönisstein	50.454477	7.298521	In the Brohl valley	Germany	Germania Superior	Tuff; used locally in the Roman Imperial period	Bedon 1984: 185, 213-216
Toprak Alinmis	38.435465	26.593554	Just north of Balıklıova on the Karaburun peninsula	Turkey	Asia	Pink-red and white marble ( <i>breccia corallina</i> ), perhaps exported regionally in the Roman period	Bruno <i>et al.</i> 2012

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Tor Cervara	41.923611	12.588056	Along the Aniene near Salone	Italy	Italia I	Tuff ( <i>tufo lionato</i> or <i>tufo dell'Aniene</i> ); used locally from the Republican period, primarily at Rome	Heiken, Funicello and Di Rita 2005
Torbali	38.177480	27.304260	Near Metropolis, 25 km north of Ephesos	Turkey	Asia	White marble, used locally in the Roman period	Yavuz, Bruno and Attanasio 2011
Torre d'en Dolça	41.100965	1.157990	7 km west of Tarragona	Spain	Tarraconensis	Limestone ( <i>soldó</i> ), used locally in the Roman period	Gutiérrez 2009: 169–73
Torre Ovo	40.297068	17.503865	20 km south-east of Taranto	Italy	Italia II	Limestone; used locally in the Roman Imperial period	Calia <i>et al.</i> 2002
Töschling	46.634880	14.112610	West of Klagenfurt	Austria	Noricum	White marble; used locally and exported regionally in the Roman period	Djurić 1997; Djurić and Müller 2009
Toubia	36.949865	9.650879	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 404
Toulouse	43.605556	1.442500	On the Garonne just north of the central Pyrenees	France	Narbonensis	Limestone; used locally from basic construction in the Roman period	Bedon 1984: 63–64
Tournai	50.604481	3.389777	East of Lille	Belgium	Belgica	Black limestone; used locally and exported regionally in the Roman period	Groessens 1991
Tournus	46.564441	4.907610	South-east of Saint-Boil	France	Lugdunensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 78, 89
Trapani	38.016667	12.538889	Ancient Drepanum, western Sicily	Italy	Sicilia	Hard grey limestone; used locally in the Roman Imperial period.	Wilson 1990: 239–240
Treffen	46.668323	13.854338	South-east of Tiffen	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997
Trept	45.687330	5.321615	West of Fay	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 33
Tres Boukes	38.771111	24.612500	On the southern coast of Skyros	Greece	Achaia	Marble breccia ( <i>marmor scyrium</i> , <i>settebassi</i> or <i>breccia di sciro</i> ) consisting of long fragments of white, grey, pink and yellow; widely exported in the Roman Imperial period	Mielsch 1985: 47; Gnoli 1988: 232–235; Dwarakowska 1975; Bruno 2002c
Trets	43.447222	5.685000	North-east of Marseille	France	Narbonensis	Limestone breccia; used locally in the Roman Imperial period	Mazeran 1999
Trigaches	38.088540	-7.971786	Just north of Beja	Portugal	Lusitania	Grey marble, used locally in the Roman period	Fusco and Mañas 2006; Fusco and Mañas 2008: 510–13

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Tripoli	34.452089	35.812438	In and around the city of Tripoli	Lebanon	Syria	Sandstone, used locally in the Roman period	Badawi 2002
Trogir	43.526816	16.226421	North-west of Split, central Dalmatia	Croatia	Dalmatia	Limestone; used locally and exported regionally in the Roman period	Bulić 1908; Wilkes 1969: 388; Dworakowska 1983: 21-22; Maršić 2007
Trujillo	37.610076	-0.978872	Near Cartagena	Spain	Tarraconensis	Grey marble, used locally in the Roman period	Soler 2008; Arana <i>et al.</i> 2012
Tuccabor	36.706978	9.521414	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 404
Tuna el-Gebel	27.701111	30.683333	On the west bank of the Nile, 12 km west of Mallawi	Egypt	Aegyptus	Limestone; used locally in the Ptolemaic and Roman periods	Klemm and Klemm 2008: 94-96
Turgut	38.259587	26.807253	7 km north of Teos	Turkey	Asia	Black, red, and white breccia ( <i>africano</i> ), probably exported inter-regionally in the Roman period	Bruno <i>et al.</i> 2012
Tuscolo	41.798333	12.708611	On the northern side of the Alban Hills	Italy	Italia I	Tuff ( <i>tufo di Tuscolo</i> ); used locally from the Republican period, primarily at Rome	Jackson and Marra 2006
Tyre	33.270556	35.203889	On the coast in the southern Lebanon	Lebanon	Syria	Limestone; used locally in the Roman Imperial period and earlier	Mentioned in Statius, <i>Silvae</i> I.5.39
Ulupınar	38.616014	29.804766	South-east of Uşak, near ancient Akmonia, in Phrygia	Turkey	Asia	Grey-white marble; used locally in the Roman Imperial period	Pralong 1980; Asgari 1981
Umm Huyut	26.809167	33.285556	Near Mons Claudianus, Eastern Desert	Egypt	Aegyptus	Mottled light grey and greenish black gneiss, virtually identical to the granite of Mons Claudianus; exported in the Roman Imperial period in small quantities	Harrell, Brown and Lazzarini 1999; Klemm and Klemm 2008: 291
Umm Shegilat	26.957398	33.257545	Eastern Desert, around 20 km south of the road-station of Qattar, close to Mons Porphyrites	Egypt	Aegyptus	Large-grained black and white granite ( <i>granito della colonna</i> ); exported to Rome in the Roman Imperial period in small quantities	Mielsch 1985: 69; Gnoli 1988: 150-152; Klein 1988
Urfalıdağı Tepesi	38.056850	27.437170	16 km north-east of Ephesos	Turkey	Asia	White marble, used locally in the Roman period	Prochaska and Grillo 2009; Yavuz, Bruno and Attanasio 2011
Uzali Sar	36.790508	9.675449	In the Northern Tell	Tunisia	Africa Proconsularis	Varieties of both marble and limestone; used locally in the Roman period	Peyras 1991: 404

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Valdarno	43.681379	10.703806	Just south of Florence	Italy	Italia VII	Marble (pietra paesina); used locally in the Roman Imperial period	Bruno 2002b
Valence	44.930370	4.891757	On the Rhône, in the Drôme	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 57
Valle dei Manienti	43.086883	10.604674	Near Campiglia Marittima	Italy	Italia II	White marble, used locally and regionally in the Roman period	Cavari <i>et al.</i> 2012
Valsenestre	44.908749	6.054361	South-east of Grenoble, in the Alps	France	Narbonensis	Marble; used locally in the Roman Imperial period	Bedon 1984: 77, 89; Blanc 1986
Vathia	36.443490	22.459238	On the Mani Peninsula	Greece	Achaia	Dark brown-red marble ( <i>rosso antico</i> ), in various shades, with occasional light grey veins; exported inter-regionally by at least the early Roman period	Gorgoni <i>et al.</i> 1992; Gorgoni, Lazzarini and Pallente 2002
Vazari	36.894125	9.615218	In the Northern Tell	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Peyras 1991: 149
Verona	45.441389	10.996389	Just east of Lake Garda	Italy	Italia X	Red-pink marble breccia ( <i>breccia rosso di Verona</i> ); exported regionally in small quantities in the Roman Imperial period	Bruno 2002b
Verzirhen	40.236111	30.014722	In the Sagarius Valley north of Bilecik, Bithynia	Turkey	Bithynia et Pontus	Red and pink marble ( <i>breccia corallina</i> ) with white, pink and grey shades; used locally and probably exported regionally from the late 1st century BC	Mielsch 1985: 45-46; Gnoli 1988: 238-240
Via Tiberina	42.101389	12.506667	Tiber valley, near Riano	Italy	Italia I	Tuff ( <i>tufo giallo della via Tiberina</i> ); used locally from the Republican period, primarily at Rome	Heiken, Funiciello and De Rita 2005
Viana	38.333362	-8.000397	Near Estremoz	Portugal	Lusitania	Green and white marble ( <i>verde Viana</i> ) similar to cipollino	Fusco and Mañas 2006; Nogles, Rodrigues and Lapuente 2008
Vienne	45.524987	4.870936	On the Rhône south of Lyon	France	Narbonensis	Limestone; used locally in the Roman Imperial period	Bedon 1984: 30-33, 116
Vila Viçosa	38.777778	-7.417222	Near Estremoz	Portugal	Lusitania	Pink-cream marble ( <i>rosa Portugues</i> ) with cloudy red patches and brown-red veins, similar to varieties of Portasanta; used locally and exported regionally in the Roman Imperial period	Canto 1977-1978: 179; Lamberto and Sá Caetano 2008
Villebois	45.849121	5.434653	North-west of Peyrieu	France	Lugdunensis	Limestone; used locally from the middle of the 1st century AD	Bedon 1984: 29, 89

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Villette	45.552307	6.599620	North-east of Grenoble, in the Alps	France	Alpes Graiae et Poeninae	Marble; used locally in the Roman Imperial period	Bedon 1984: 56-57, 75
Vimines	45.546955	5.864874	Near Chambéry	France	Lugdunensis	Marble; used locally in the Roman Imperial period	Bedon 1984: 57
Volos	39.364444	22.933333	South-eastern Thessaly	Greece	Achaia	Marble; used locally from the Classical or Hellenistic period	Personal observation
Vrgada	43.855038	15.501182	In the Zadar islands, near Pasma	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period	Škegro 2006: 161-162
Vrnik	42.937316	17.169249	Island near Korčula	Croatia	Dalmatia	Limestone; used locally in the Roman Imperial period and possibly exported regionally (it certainly was later)	Gjivoje 1970: 71-73; Fisković 1971: 143-144
Wadi Abu Gerida	26.354839	33.284331	10 km north-west of Maghrabiya, Eastern Desert	Egypt	Aegyptus	Purple porphyry ( <i>porfido rosso laterizio</i> ) with lighter flecks; exported in tiny quantities in the Roman Imperial period	Harrell 2005
Wadi Atalla / Wadi Um Esh	26.051389	33.601111	88 km east of Quft, Eastern Desert	Egypt	Aegyptus	Green serpentine ( <i>serpentina moschinata</i> ) with swirls of dark blue, grey, white and brown veins; exported from Pharaonic period but always in small quantities	Gnoli 1988: 159; Mielsch 1985: 63; Klemm and Klemm 2008: 294-295
Wadi Bârud	26.784167	33.516944	10 km south-east of Mons Claudianus, Eastern Desert	Egypt	Aegyptus	Medium-grained white granite ( <i>granito bianco e nero</i> ) with angular black inclusions; exported in Roman Imperial period but in small quantities	Mielsch 1985: 69; Gnoli 1988: 150; Klein 1988; Klemm and Klemm 2008: 290-291
Wadi Hammâmât (Mons Basanites)	25.469167	33.552222	83 km east of Quft, Eastern Desert	Egypt	Aegyptus	Marble breccia ( <i>breccia verde d'Egitto</i> or <i>hecatontalithos</i> ) and greywacke ( <i>pietra Bekhen</i> or <i>basanites</i> ), both dark green with shades of grey-brown, the former sometimes with yellow, red, white inclusions; exported in Roman Imperial period but very rare	Mielsch 1985: 64; Gnoli 1988: 111-121; Kraus 1975-1976; Lucas and Harris 1962: 407-408; Harrell, Brown and Lazzarini 1999; Harrell, Brown and Lazzarini 2002; Klemm and Klemm 2008: 297-311
Wadi Lebda	32.634722	14.293056	Near ancient Lepcis Magna	Libya	Africa Proconsularis	Yellow-white limestone; used at Lepcis Magna from the Punic period	Chiesa 1949: 26
Wadi Maghrabiya	26.344166	33.421149	North of Wadi Hammâmât, Eastern Desert	Egypt	Aegyptus	Four varieties of gabbro, all with shades of grey, green and black but differing in coarseness; exported in the Roman Imperial period in small quantities	Sidebotham 1996: 189-190; Harrell, Brown and Lazzarini 1999

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Wadi Semna/Wadi Wikala	26.433611	33.652222	50 km south-west of Safaga, Eastern Desert	Egypt	Aegyptus	Several varieties of dark green granite with white or light grey inclusions (granito verde della sedia di San Pietro or ophytes and granito verde della sedia di San Lorenzo); exported in Roman Imperial period, predominately to Italy	Mielsch 1985: 804-806; Gnoli 1988: 154-157; Sidebotham <i>et al.</i> 2001; Klemm and Klemm 2008: 291-294
Wadi Sheikh Yasin	28.050556	30.835278	Just south of El-Minya	Egypt	Aegyptus	Limestone; used locally in the Pharaonic, Ptolemaic and Byzantine period and, therefore, probably also in the Roman period	Klemm and Klemm 2008: 77
Wadi Umm Balad	27.132739	33.278910	Just south of Mons Porphyrites, Eastern Desert	Egypt	Aegyptus	Fine-grained green-grey granite ( <i>granito verde fiorito di bigio</i> ) with white inclusions; exported in Roman Imperial period, predominantly to Rome	Mielsch 1985: 70; Gnoli 1988: 159-60
Wadi Umm Towat	27.152425	33.220376	Just south-west of Mons Porphyrites, Eastern Desert	Egypt	Aegyptus	Dark grey serpentine ( <i>porfido serpentine nero</i> ) with a green shade and white flecks; exported in the Roman Imperial period but very rare	Gnoli 1988: 139; Mielsch 1985: 65; Meredith 1952
Water Newton	52.560833	-0.364167	North-western Cambridgeshire	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Pearson 2006
Weldon	52.495733	-0.637056	Northamptonshire, between Peterborough and Leicester	Britain	Britannia	Limestone; used locally in the Roman Imperial period and exported regionally	Blagg 1990
Wetheral	54.884167	-2.834444	Near Carlisle, Cumbria	Britain	Britannia	Limestone; used locally in the Roman Imperial period	Pearson 2006; Collingwood and Wright 1965
Widan el-Faras	29.659096	30.623560	Near Gebel Qatrani, north of the Fayum	Egypt	Aegyptus	Basalt, used locally in the Roman period	Storemyr <i>et al.</i> 2009: 248-251
Winden	47.952751	16.752678	40 km south-east of Vienna, Austria	Austria	Pannonia Superior	Lunachella limestone, used locally in the Roman period	Pivko 2012
Windisch	47.478651	8.220164	Ancient Vindonissa	Switzerland	Germania Superior	Grey-white limestone; used locally in the Roman Imperial period	Stahelin 1948: 425
Wolfsthal	48.136102	17.005259	Just east of Carnuntum, Austria	Austria	Pannonia Superior	Limestone, locally and regionally used in the Roman period	Pivko 2012
Wollanigberg	46.646363	13.816349	Just south-east of Puch, near Gummern	Austria	Noricum	White marble; used locally in the Roman Imperial period	Djurić 1997

Site	Latitude	Longitude	Location	Country	Province	Material	Bibliography
Xylophagou	34.976944	33.849444	South-east Cyprus	Cyprus	Cyprus	Limestone; used locally in the Roman Imperial period and probably earlier	Karageorghis 1969: 494
Yarhiv	32.151541	34.967989	North-east of Tel-Aviv	Israel	Judaea	Limestone; used locally in the Roman Imperial period and probably earlier	Sumaka'I Fink 2000
Yazır	37.761963	28.711851	11 km south-west of Aphrodisias	Turkey	Asia	Blue-grey and white marble, used locally in the Roman period	Long 2012
Zawiet Sultan	28.067500	30.818056	Near El-Minya	Egypt	Aegyptus	Limestone; used locally in the Pharaonic, Ptolemaic and Byzantine period and, therefore, probably also in the Roman period	Klemm and Klemm 2008: 70-77
Zbidi	35.632084	11.009439	3.5 km west of Thapsus	Tunisia	Africa Proconsularis	Limestone; used locally in the Roman Imperial period	Younès, Gaied and Gallala 2012
Zreče	46.369141	15.391631	In the Pohorje mountains	Slovenia	Pannonia Superior	White marble; used locally and exported regionally in the Roman period	Braemer 1992: 12; Djurić 1997

## References

- Agus, M., S. Cara, L. Lazzarini, and M. Mola (2006), 'Laboratory characterisation of black limestones (*neri antichi*) from Zeugitania (Tunisia)', *Marmora* 2: 71-82.
- Alföldy, G. (1974), *Noricum* (The Provinces of the Roman Empire). London and Boston.
- Àlvarez Pérez, A. (1992), 'Les carrières de Tortosa', *Les Dossiers d'Archéologie* 173: 21-22.
- Àlvarez Pérez, A., A. Domènech de la Torre, P. Lapuente Mercadal, À. Pitarch Martí, and H. Royo Plumed (eds. 2009a), *Marbles and Stones of Hispania: Exhibition Catalogue*. Tarragona.
- Àlvarez Pérez, A., V. García-Entero, A. Gutiérrez Garcia-Moreno, and I. Rodà de Llanza (eds. 2009b), *El marmor de Tarraco. Explotació, utilització i comercialització de la pedra de Santa Tecla en època romana (Tarraco Marmor. The Quarrying, Use and Trade of Santa Tecla Stone in Roman Times)* (Hic et Nunc, 6). Tarragona.
- Àlvarez Pérez, A., A. Gutiérrez Garcia-Moreno, P. Lapuente Mercadal, À. Pitarch, and I. Rodà de Llanza (2009c), 'The marmor of Tarraco or Santa Tecla stone (Tarragona, Spain)', in P. Jockey (ed.), *Leukos lithos. Marbres et autres roches de la Méditerranée antique: études interdisciplinaires. ASMOSIA VIII* (Collection l'atelier méditerranéen). Paris: 129-40.
- Àlvarez Pérez, A. and À. Pitarch (2012), 'Local stone used on the Roman bridge of Martorell (Barcelona, Spain)', in A. Gutiérrez Garcia-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX*. Tarragona: 511-17.
- Alzinger, W. (1966-1967), 'Ritzzeichnungen in den Marmorbrüchen von Ephesos', *Jahreshefte des österreichischen Archäologischen Instituts in Wien* 48: 61-72.
- Amores, F., J. Beltrán, and D. González (2008), 'Marmora de Hispalis: studio de los materiales pétreos recuperados en las excavaciones arqueológicas de 'La Encarnación (Sevilla)', in T. Nogales and J. Beltrán (eds.), *Marmora Hispania: explotación y uso de los materiales pétreos en la Hispania romana* (Hispania Antigua, Serie Arqueológica 2). Rome: 212-29.
- Ampolo, C. (1982), 'Le cave di pietra dell'Attica: problemi giuridici ed economici', *Opus* 1: 251-60.
- Andreoli, A., F. Berti, L. Lazzarini, and R. Pierobon Benoit (2002), 'New contributions on Marmor Iassense', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 13-18.
- Antonelli, F., L. Lazzarini, and B. Turi (2002), 'The provenance of white marble used in Roman architecture of Arausio (Orange, France): first results', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 265-70.
- Arana, R., J. A. Antolinos, J. M. Noguera, B. Soler, and S. Arana (2012), 'Quarrying, use and cope of Cabezo Gordo and Rambla de Trujillo marbles (Mercia, Spain) in the Roman era', in A. Gutiérrez Garcia-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 657-65.
- Asgari, N. (1979), 'The Roman and early Byzantine marble quarries of Proconnesus', in E. Akurgal (ed.), *Proceedings of the Xth International Congress of Classical Archaeology, Ankara-Izmir, 29-30.ix.1973*. Ankara: 467-80.
- (1981), 'Uşak selçiker ve çevresinden Roma çağı lahitleri ve mermer ocakları', *Türk Arkeoloji Dergisi* 25 (2): 11-47.
- (1989), 'Zwei Werkstücke für Konstantinopel aus den prokonnesischen Steinbrüchen', *Istanbuler Mitteilungen* 39: 49-63.
- (1992), 'Observations on two types of quarry-items from Proconnesus: column-shafts and column-bases', in M. Waelkens, N. Herz, and L. Moens (eds.), *Ancient Stones: Quarrying, Trade and Provenance* (Acta Archaeologica Lovaniensia, Monographiae 4). Leuven: 73-80.
- Atalay, E. (1976), 'Kuşini Mermer Ocağı hakkında ön rapor', *Türk Arkeoloji Dergisi* 23 (1): 13-15.
- (1976-7), 'Antiker Marmorsteinbruch bei Ephesos', *Jahreshefte des österreichischen archäologischen Institutes in Wien* 51: 59-60.
- Attanasio, D. (2003), *Ancient White Marbles. Analysis and Identification by Paramagnetic Resonance Spectroscopy* (Studia Archaeologica, 122). Rome.
- Audin, A. and Y. Burnand (1975), 'Le marché lyonnais de la pierre sous le Haut-Empire romain', *Archéologie Minière. Forez et Massif Central. Actes du 98e Congrès National des Sociétés Savantes, Saint-Étienne, 1973 (Séction d'archéologie et d'histoire de l'art)*. Paris: 157-79.
- Badawi, H. (2002), 'Les carrières littorales de la Phénicie romaine', in M. Khanoussi, P. Ruggeri, and C. Vismara (eds.), *L'Africa Romana. Lo spazio marittimo del Mediterraneo occidentale: geografia storica ed economica. Atti del XIV convegno di studio, Sassari, 7-10 dicembre 2000*, 3 vols. Rome: 305-22.
- Bakir, T. (1968), *Historical and Archaeological Guide to Leptis Magna*. Tripoli.



- Ballance, M. (1966), 'The origin of africano', *Papers of the British School at Rome* 24: 79-81.
- Banti, L. (1931), 'Antiche lavorazione nelle cave lunensi', *Studi Etruschi* 5: 475-97.
- Baradez, J. (1949), *Fossatum Africae: recherches aériennes sur l'organisation des confins sahariens à l'époque romaine*. Paris.
- Baran, M. and G. Petzl (1977-1978), 'Beobachtungen aus dem nordöstlichen Hinterland von Teos', *Istanbuler Mitteilungen* 27-28: 301-08.
- Beavis, J. (1970), 'Some aspects of the use of Purbeck Marble in Roman Britain', *Proceedings of the Dorset Natural History and Archaeological Society* 92: 181-204.
- Bedon, R. (1984), *Les Carrières et les carriers de la Gaule Romaine*. Paris.
- Beltrán, J., E. Ontiveros, M. L. Loza Azuaga, and L. Romero (2012), 'Roman use, petrography and elemental geochemistry of the Surco Intrabético limestones (western region of Málaga province, Spain)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 500-10.
- Beltrán, J. and O. Rodríguez (2010), 'Los materiales lapídeos de la provincia Baetica: estado de la cuestión y líneas actuales de investigación', in S. Camporeale, H. Dessales, and A. Pizzo (eds.), *Arqueología de la construcción II. Los procesos constructivos en el mundo romano: Italia y provincias orientales* (Anejos de Archivo Español de Arqueología 57). Madrid: 555-70.
- Bertacchi, L. (1989), 'Die Verwandung in römischer Zeit in Aquileia/Use during the Roman age in Aquileia', in F. Cucchi and S. Gerdol (eds.), *Der Naturstein aus dem Triester Karst*, 2nd edn. Trieste: 17-24.
- Bessac, J.-C. (1986), 'Carrières antiques du Bois des Lens (Gard)', *Revue Archéologique de Narbonnaise* 19: 159-82.
- (1996), *La Pierre en Gaule Narbonnaise et les carrières du Bois des Lens (Nîmes). Histoire, ethnologie et techniques* (JRA Supplementary Series, Number 16). Ann Arbor.
- (2005), 'Carrières et topographie à Doura-Europos', in P. Leriche, M. Gelin, and A. Dandrau (eds.), *Doura-Europos, Etudes V, 1993-1997*. Paris: 237-47.
- (2007), *Le travail de la pierre à Pétra: technique et économie de la taille rupestre*. Paris.
- Bessac, J.-C. and M. Vacca-Goutoulli (2002), 'La carrière romaine de L'Estel près du Pont du Gard', *Gallia* 59: 11-28.
- Betori, A., M. Gomez Serito, and P. Pensabene (2009), 'Investigation of marbles and stones used in Augustan monuments of western Alpine provinces (Italy)', in Y. Maniatis (ed.), *ASMOSIA VII* (Bulletin de Correspondence Hellénique, Supplément 51). Athens: 89-102.
- Blagg, T. F. C. (1990), 'Building stone in Roman Britain', in D. Parsons (ed.), *Stone: Quarrying and Building in England, AD 43-1525*. Chichester.
- Blanc, A. (1986), 'Les carrières de La Cléry en Vercors et de Valsenestre en Oisans', in F. Braemer (ed.), *Les Ressources Minérales et l'Histoire de leur Exploitation. Colloque international tenu dans le cadre du 108e Congrès national des Sociétés savantes, Grenoble, 5-9 avril 1983* (Colloques du Comité des Travaux Historiques et Scientifiques, 2). Paris: 333-42.
- (1999), 'Les marbres et roches décoratives utilisés dans les monuments gallo-romains du nord de la France', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 249-54.
- Blanc, A. and P. Blanc (2012), 'Ancient uses of the Roman breccia (Brèche des Romains) in Gaul', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 487-92.
- Bommelaer, J.-F. (1991), *Guide de Delphes. Le site*. (École Française d'Athènes. Sites et Monuments, VII). Paris.
- Boube, J. (1967), 'Documents d'architecture maurétanienne au Maroc', *Bulletin d'Archéologie Marocaine* 7: 263-368.
- Bouthier, A. (2004), 'Éléments décoratifs en pierre des établissements ruraux gallo-romains du nord-est de la Nièvre', in P. Chardon-Picault, et al. (eds.), *Les roches décoratives dans l'architecture antique et du Haut Moyen Âge* (Archéologie et d'histoire de l'art, 16). Paris: 69-88.
- Braemer, F. (1971), 'Les marbres à l'époque romaine', *Revue Archéologique*: 167-74.
- (1982), 'La décoration en matériaux nobles (marbres, porphyres...) des édifices de la Gaule et des régions limitrophes durant le Haut-Empire et la basse Antiquité', *Mosaïque. Recueil d'hommages à Henri Stern*. Paris: 81-92.
- (1984), 'Le commerce des matériaux d'architecture et de sculpture de part et d'autre de la chaîne des Pyrénées dans les provinces de Terraconaise, de Narbonnaise et d'Aquitaine', *Archéologie Pyrénéenne et Questions Diverses – Actes du 106e Congrès National des Sociétés Savantes, Perpignan 1981*. Paris: 57-72.
- Braemer, F. (1986), 'Repertoire des gisements de pierre ayant exporté leur production à l'époque romaine', in F. Braemer (ed.), *Les Ressources Minérales et l'Histoire de leur Exploitation. Colloque international tenu dans le cadre du 108e Congrès national des Sociétés savantes, Grenoble, 5-9 avril 1983* (Colloques du Comité des Travaux

- Historiques et Scientifiques, 2). Paris: 287-328.
- Braemer, F. (1992), 'Les principaux gisements au Haut-Empire romain', *Les Dossiers d'Archéologie* 173: 8-15.
- Braemer, F. (2004), 'Le rôle des pierres précieuses et nobles dans l'ornementation dans l'Antiquité et le Haut Moyen Âge', in P. Chardron-Picault, et al. (eds.), *Les roches décoratives dans l'architecture antique et du Haut Moyen Âge* (Archéologie et d'histoire de l'art, 16). Paris: 89-120.
- Broneer, O. (1932), *Corinth. Volume X: The Odeum* (Results of excavations conducted by The American School of Classical Studies at Athens). Cambridge, Massachusetts.
- Bruno, M. (1998a), 'Isola del Giglio, la cava di granito del Foriano presso Giglio Porto', in P. Pensabene (ed.), *Marmi antichi II: cave e tecnica di lavorazione, provenienze e distribuzione (Studi Miscellanei 31)* (Studi Miscellanei 31). Rome: 119-40.
- (1998b), 'Su una cava d'alabastro del Circeo in località 'la Batteria'', in P. Pensabene (ed.), *Marmi antichi II: cave e tecnica di lavorazione, provenienze e distribuzione* (Studi Miscellanei 31). Rome: 213-22.
- (2002a), 'Alabaster quarries near Hierapolis (Turkey)', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 19-24.
- (2002b), 'Il mondo delle cave in Italia: considerazioni su alcuni marmi e pietre usati nell'antichità', in M. De Nuccio and L. Ungara (eds.), *I marmi colorati della Roma imperiale*. Padua: 277-90.
- (2002c), 'The quarries at Cape Latomio on Valaxa Island, Skyros (Greece)', in J. Herrmann, N. Herz, and R. Newman (eds.), *ASMOSIA 5. Interdisciplinary Studies on Ancient Stone*. London: 27-35.
- Bruno, M., L. Conti, L. Lazzarini, P. Pensabene, and B. Turi (2002), 'The marble quarries of Thasos: an archaeometric study', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 157-62.
- Bruno, M., H. Elçi, A. B. Yavuz, and D. Attanasio (2012), 'Unknown ancient marble quarries of western Asia Minor', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 565-72.
- Bruno, M. and L. Lazzarini (1999), 'Discovery of the Sienese provenance of *Breccia Dorata*, and *Breccia Gialla Fibrosa*, and the origin of *Breccia Rossa Appenninica*', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 77-82.
- Bruno, M. and P. Pallante (2002), 'The 'Lapis Taenarius' quarries of Cape Tainaron (Mani Peninsula, S. Peloponnesus, Greece)', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 163-76.
- Buckler, W. H., W. M. Calder, and C. W. M. Cos (1928), 'Asia Minor 1929. V - Monuments from the Upper Tembris Valley', *Journal of Roman Studies* 18: 21-40.
- Bulić, F. (1908), 'Materiale e provenienze della pietra, delle colonne, nonché delle sfingi del Palazzo di Diocleziano a Spalato e delle colonne ecc. delle basiliche cristiane a Salona', *Bullettino di Archeologia e Storia Dalmatia* 31: 86-127.
- Bullard, R. G. (1978), 'The environmental geology of Roman Carthage', in J. H. Humphrey (ed.), *Excavations at Carthage, 1975, conducted by the University of Michigan*. Ann Arbor: 3-25.
- Bülow-Jacobsen, A. (1988), 'Mons Claudianus. Roman granite-quarry and station on the road to the Red Sea', *Acta Hyperborea* 1: 159-65.
- Busdraghi, P. and O. Gessaroli (2006), 'Cave di pietra e monumenti a Cirene', in M. Luni (ed.), *Cirene, 'Atene d'Africa'*. Rome: 171-80.
- Calia, A., M. T. Giannotta, G. Quarta, and A. Alessio (2002), 'Ancient coastal quarries south-east of Taranto: identification and preliminary characterization of the lithotypes exploited', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 183-91.
- Canto, A. (1977-1978), 'Avances sobre la explotación del Marmol en la España romana', *Archivo Español de Arqueología* 50-51: 165-87.
- Cavari, F., F. Droghini, M. Giamello, L. Lazzarini, and C. Mascione (2012), 'The white marble quarries of Campiglia Marittima (Livorno, Italy) and the provenance of marble artefacts from Populonia', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 390-400.
- Chevallier, R. (1974), 'Pour un inventaire des carrières antiques de la Gaule; problematique de l'étude', *Caesarodunum* 9: 184-205.
- Chidioglou, M. (2009), 'New data on the ancient quarries in southern Euboea, Greece', in P. Jockey (ed.), *Leukos lithos. Marbres et autres roches de la Méditerranée antique: études interdisciplinaires. Actes du VIIIe colloque international de l'Association for the Study of Marble and Other Stones in Antiquity (ASMOSIA), Aix-en-Provence, 12-18 juin 2006* (Collection L'atelier méditerranéen). Paris: 73-91.
- Chiesa, C. (1949), 'Sui materiali da costruzione di provenienza locale usati dagli antichi in Tripolitania', *Reports and*

- Chrismes, M. K. T. (1952), *Ancient Sparta, a re-examination of the evidence*. Manchester.
- Cisneros Cunchillos, M. (1988), *Marmoles Hispanolos: su Empleo en la España Romana* (Monografías Arqueológicas, 29). Zaragoza.
- (1989-90), 'Sobre la explotación de calizas en el sur de España en época romana: canteras de Gádor (Almería), Atarfe (Granada), Antequera (Málaga) y Cabra (Córdoba)', *Caesaraugusta* 66-67: 123-42.
- Coelho, C. (2008), 'Colaride: a Roman quarry at the *Municipium Olisiponensis*', in T. Nogales and J. Beltrán (eds.), *Marmora Hispania: explotación y uso de los materiales pétreos en la Hispania Romana*. Rome: 523-43.
- Cognot, F. (2002), 'Les carrières de La Lie à La Roche-Vineuse (Saône-et-Loire)', *Gallia* 59: 121-31.
- Çolak, M. and L. Lazzarini (2002), 'Quarries and characterisation of a hitherto unknown alabaster and marble from Thyatira (Akhisar, Turkey)', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. \*\*\*\*: 35-40.
- Collingwood, R. G. and R. P. Wright (eds. 1965), *The Roman Inscriptions of Britain, I. Inscriptions on Stone*. Oxford.
- Cook, J. M. (1973), *The Troad. An Archaeological and Topographical Study*. Oxford.
- Costedoat, C. (1995a), 'Recherches sur les marbres pyrénéens', in A. Álvarez Pérez, et al. (eds.), *Les marbres blancs des Pyrénées: approches scientifiques et historiques*. Toulouse: 101-18.
- (1995b), 'Aperçu géologique des Pyrénées: quelques données sur le métamorphisme pyrénéen', in A. Álvarez Pérez, et al. (eds.), *Les marbres blancs des Pyrénées: approches scientifiques et historiques*. Toulouse: 95-100.
- Coulon, G. and D. Tardy (1997), 'Argentomagus: l'approvisionnement en pierre d'une agglomération secondaire des Biturges', in J. Lorenz, P. Benoit, and D. Obert (eds.), *Pierres & Carrières. Géologie - Archéologie - Histoire. Textes réunis en hommage à Claude Lorenz*. Paris: 199-202.
- Cumont, F. (1917), 'Les carrières romaines d'Énesh. Arulis et Ourima', in F. Cumont (ed.), *Études syriennes*. Paris: 151-72.
- Cunliffe, B. W. and M. G. Fulford (1988), *Bath and the Rest of Wessex* (Corpus Signorum Imperii Romani: Great Britain I.2). Oxford.
- David, M. and V. de Michelle (1999), 'Recherches sur les carrières d'âge pré-industriel en Lombardie', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 269-76.
- Degryse, P., P. Muchez, and M. Waelkens (2006), 'Geology and archaeology of late Hellenistic limestone quarries at Sagalassos (SW Turkey)', *Marmora* 2: 9-20.
- Delbrück, R. (1932), *Antike Porphywerke*. Berlin.
- Dessandier, D., F. Antonelli, L. Lazzarini, M. Varti-Matarangas, L. Leroux, M. Hamiane, C. Riache, and C. Khalfallah (2012), 'An introductory study to the ornamental and building stones of the Djemila (Algeria) archaeological site', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 68-74.
- Di Vita, A. (1999), 'Sabratha', in R. Polidori, et al. (eds.), *Libya. The Lost Cities of the Roman Empire*. Cologne.
- Djurić, B. (1997), 'Eastern Alpine marble and Pannonian trade', in B. Djurić and I. Lazar (eds.), *Akten des IV. internationalen Kolloquiums über Probleme des provinzialrömischen Kunstschaffens, Celje, 8.-12. Mai 1995 (= Situla, 36)*. Ljubljana: 73-86.
- Djurić, B., J. Davidović, A. Maver, and H. W. Müller (2006), 'Stone use in Roman towns. Resources, transport, products and clients. Case study Sirmium. First report', *Starinar. Arheološki Institut Beograd* 56: 103-36.
- Djurić, B., A. Maver, I. Rižnar, D. Jovanović, and J. Davidović (2012), 'Sirmium's main limestone quarry at Dardagani (Bosnia and Herzegovina)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 471-79.
- Djurić, B. and H. W. Müller (2009), 'White marbles in Noricum and Pannonia: an outline of the Roman quarries and their products', in P. Jockey (ed.), *Leukos lithos. Marbres et autres roches de la Méditerranée antique: études interdisciplinaires. Actes du VIIIe colloque international de l'Association for the Study of Marble and Other Stones in Antiquity (ASMOSIA), Aix-en-Provence, 12-18 juin 2006* (Collection L'atelier méditerranéen). Paris: 111-27.
- Dodge, H. (1988), 'Palmyra and the Roman marble trade: evidence from the Baths of Diocletian', *Levant* 20: 215-30.
- Dolci, E. (1980), *Carrara. Cave Antichi: materiali archeologici. Relazione delle campagne di rilevamento dei beni culturali del territorio promosse dal Comune di Carrara, anni 1977-1978-1979* Carrara.
- (1981), 'La localizzazione e il ritrovamento delle cave lunensi', *Quaderni del Centro di Studi Lunensi* 6-7: 47-62.
- (1988), 'Marmora Lunensia: quarry technology and archaeological use', in N. Herz and M. Waelkens (eds.), *Classical Marble: Geochemistry, Technology, Trade*. Dordrecht: 77-84.
- Domínguez-Bella, S. (2009), 'Roman quarries from Sierra de Paloma Alta-San Bartolomé near Baelo Claudia (Cádiz, SW

- Spain)', in P. Jockey (ed.), *Leukos lithos. Marbres et autres roches de la Méditerranée antique: études interdisciplinaires. Actes du VIIIe colloque international de l'Association for the Study of Marble and Other Stones in Antiquity (ASMOSIA), Aix-en-Provence, 12-18 juin 2006* (Collection L'atelier méditerranéen). Paris: 213-28.
- Dubois, C. (1908), *Études sur l'administration et l'exploitation des carrières marbres, porphyre, granit, etc. dans le monde romain*. Paris.
- Durkin, M. K. and C. J. Lister (1983), 'The Rods of Digenis: an ancient marble quarry in Eastern Crete', *Publications of the British School at Athens* 78: 69-96.
- Durman, R. (2006), *Ham Hill: portrait of a building stone*. Reading.
- Dworakowska, A. (1971), 'Carrières antiques dans les Cyclades. Matériaux pour l'inventaire', *Archeologia* 22: 77-103.
- (1975), *Quarries in Ancient Greece* (Academia Scientiarum Polona, Bibliotheca Antiqua, Vol. XIV). Warsaw.
- Dworakowska, A. (1983), *Quarries in Roman Provinces* (Academia Scientiarum Polona, Bibliotheca Antiqua, Vol. XVI). Warsaw.
- Džin, K. (2012), 'Two incomplete sculptures from Cavae Romanae quarries (Istria, Croatia)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX*. Tarragona: 89-92.
- Ergeç, R. (2003), *Nekropolen und Gräber in der südlichen Kommagene* (Asia Minor Studien, Band 47). Bonn.
- Euzennat, M. (1989), *Le limes de Tingitane. La frontière méridionale*. Paris.
- Fant, J. C. (1985), 'Four unfinished sarcophagus lids at Docimium and the Roman imperial quarry system in Phrygia', *American Journal of Archaeology* 89: 655-62.
- (1987), 'Three seasons of epigraphical survey at the Roman imperial quarries at Docimium (Iscehisar) 1983-85', *Ariştirma Sonuçları Toplantısı* 4: 127-32.
- (1989a), *Cavum Antrum Phrygiae. The Organization and Operations of the Roman Imperial Marble Quarries in Phrygia* (British Archaeological Reports, International Series 482). Oxford.
- (1989b), 'Poikiloi Lithoi: the anomalous economics of the Roman imperial marble quarry at Teos', in S. Walker and A. Cameron (eds.), *The Greek Renaissance in the Roman Empire. Papers from the Tenth British Museum Classical Colloquium. Bulletin of the Institute of Classical Studies, Supplement 55*. London: 206-18.
- (1990), 'Les carrières des empereurs romains', in M. Waelkens (ed.), *Pierre Éternelle du Nil au Rhin. Carrières et Prefabrication*. Brussels: 147-58.
- Féray, G. and R. Paskoff (1966), 'Recherches sur les carrières romaines des environs de Volubilis', *Bulletin d'Archéologie Marocaine* 6: 279-300.
- Ferchiou, N. (1976), 'Une carrière régionale en Afrique: la pierre de Keddel', *Mitteilungen des Deutschen Archäologischen Instituts, Römische Abteilung* 83: 367-402.
- Fisković, I. (1971), 'Ranokršćanske crkvice na Sutvari, Gubavcu i Lučnjaku kraj Majsana u Pelješkom kanalu', *VAHD* 65-67: 141-68.
- Fitzler, K. (1910), *Steinbrüche und Bergwerke im ptolemäischen und römischen Ägypten* (Leipziger historische Abhandlungen, Heft XXI). Leipzig.
- Florescu, G. (1936), 'Cariera romana dela Cernavoda', *Analele Dobrogei* 17: 33-46.
- (1937), 'Römischer Steinbruch bei Cernavoda, Rumänien', *Germania* 21: 108-13.
- Formigé, J. (1949), *Le Trophée des Alpes (La Turbie)*. Paris.
- Fusco, A. and I. Mañas (2006), *Mármoles de Lusitania*. Mérida.
- Gjivoje, M. (1970), 'Antikni kamenolomi na Korčulanskim otocima', *Zbornik otoka Korčule* 1: 68-75.
- Gnoli, R. (1988), *Marmora Romana*, 2nd edn. Rome.
- Goette, H. R., K. Polikreti, T. Vakoulis, and Y. Maniatis (1999), 'Investigation of the blue-grey marble of Pentelikon and the equivalent hymettian: possible uses in antiquity', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 83-90.
- Gorgoni, C., I. Kokkinakis, L. Lazzarini, and M. Mariottini (1992), 'Geochemical and petrographic characterisation of 'Rosso Antico', and other white-grey marbles of Mani (Greece)', in M. Waelkens, N. Herz, and J.-L. Moens (eds.), *Ancient Stones: Quarrying, Trade and Provenance* (Acta Archaeologica Lovaniensia, Monographiae 4). Leuven: 155-66.
- Gorgoni, C., L. Lazzarini, and P. Pallante (2002), 'New archaeometric data on Rosso Antico and other red marbles used in Antiquity', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. \*\*\*\*: 199-206.
- Groessens, É. (1991), 'Les marbres et pierres blanches de Belgique', in J. Lorenz and P. Benoit (eds.), *Carrières et constructions en France et dans les pays limitrophes. Actes du 115e Congrès National des Sociétés Savantes, Section des sciences et Section d'Histoire des sciences et des techniques (Avignon, 9-12 avril 1990)*. Paris: 65-78.

- Grünhagen, W. (1978), 'Farbiger Marmor aus Munigua', *Madridrer Mitteilungen* 19: 290-306.
- Gsell, S. (1911), *Atlas archéologique de l'Algérie*. Algiers and Paris.
- Gutiérrez Deza, M. I. (2012), 'Notes on local stone use in Colonia Patricia Corduba (Córdoba, Spain)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 493-99.
- Gutiérrez García-Moreno, A. (2009), *Roman Quarries in the Northeast of Hispania (Modern Catalonia)* (Documenta, 10). Tarragona.
- Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds. 2012), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX*. Tarragona.
- Hankey, V. (1965), 'A marble quarry at Karystos', *Bulletin du Musée de Beyrouth* 18: 43-59.
- Harrazi, N. (1995), *Les carrières antiques d'El Haouaria*. Tunis.
- Harrell, J. A. (2005), 'Porfido rosso laterizio and the discovery of its source in Wadi Abu Gerida (Egypt)', *Marmora* 1: 37-48.
- Harrell, J. A., V. M. Brown, and L. Lazzarini (1999), 'Two newly discovered Roman quarries in the Eastern Desert of Egypt', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 285-92.
- (2002), 'Breccia Verde Antica: sources, petrology and ancient uses', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. \*\*\*\*: 207-18.
- Harrison, G. W. M. (1990), 'A Roman marble quarry in eastern Crete', *Cretan Studies* 2: 147-50.
- Hasluck, F. W. (1909), 'The Marmara island', *Journal of Hellenic Studies* 29: 6-18.
- Hayward, C. (1999), 'First results from a high resolution study of ancient construction-stone quarries of the Corinthia, southern Greece', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 91-100.
- Hayward, K. M. J. (2006), 'A geological link between the Facilis monument at Colchester and first-century army tombstones from the Rhineland frontier', *Britannia* 37: 359-63.
- Heckenbenner, D. and N. Meyer (2002), 'Les carrières de grès de la Croix-Guillaume à Saint-Quirin (Moselle)', *Gallia* 59: 145-54.
- Heiken, G., R. Funicello, and D. De Rita (2005), *The Seven Hills of Rome. A Geological Tour of the Eternal City*. Princeton and Oxford.
- Heldal, T., E. Bloxam, P. Storemyr, and A. Kelany (2005), 'The geology and archaeology of the ancient silicified sandstone quarries at Gebel Gulab and Gebel Tingar, Aswan (Egypt)', *Marmora* 1: 11-36.
- Herrmann, J. (1990), 'Thasos and the ancient marble trade: evidence from American museums', in M. True and J. Podany (eds.), *Marble: Art Historical and Scientific Perspectives on Ancient Sculpture*. Malibu: 73-100.
- Herrmann, J., D. Attanasio, R. H. Tykot, and A. van den Hoek (2012), 'Characterization and distribution of marble from Cap de Garde and Mt. Filfila', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 300-09.
- Herrmann, J., A. van den Hoek, and R. H. Tykot (2012), 'Alabastro a pecorella, Aïn Tekbalet, and Bou Hanifia, Algeria: a preliminary report', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 463-70.
- Herz, N. (1988), 'Classical marble quarries of Thasos', in G. A. Wagner and G. Weisgerber (eds.), *Antike Edel- und Buntmetallgewinnung auf Thasos* (Der Anschnitt. Zeitschrift für Kunst und Kultur im Bergbau, Beiheft 6). Bochum: 232-40.
- (2000), 'The classical marble quarries of Paros: Paros-1, Paros-2 and Paros-3', in D. U. Schilardi and D. Katsonopoulou (eds.), *Παρία Λίθος: λατομεία, μαρμαρο και εργαστήρια γλυπτικής της Παρου (Paria Lithos: Parian Quarries, Marble and Workshops of Sculpture)*. Athens: 27-34.
- Hester, T. R. and R. E. Heinze (1981), *Making Stone Vases, Ethnoarchaeological Studies at an Alabaster Workshop in Upper Egypt*. Malibu.
- Higgins, M. D. and R. Higgins (1996), *A Geological Companion to Greece and the Aegean*. London.
- Hunt, D. W. S. (1940-1945), 'An archaeological survey of the island of Chios', *Publications of the British School at Athens* 41: 29-47.
- Jackson, M. and F. Marra (2006), 'Roman stone masonry: volcanic foundations of the ancient city', *American Journal of Archaeology* 110 (3): 403-36.
- Jung, D. (1961), 'Die Geologie des Gebietes von Chasampali (Thessalien)', *Praktika tes Akademias Athenon (Πρακτικά της Ακαδημίας Αθηνών)* 36: 149-56.
- Karageorghis, V. (1969), 'Chronique des fouilles à Chypre en 1968', *Bulletin de Correspondance Hellénique* 93: 431-569.
- Kastenmeier, P., G. Di Maio, G. Balassone, M. Boni, M. Joachimski, and N. Mondillo (2010), 'The source of stone building materials from the Pompeii archaeological area and its surroundings', *Periodico di Mineralogia*: 39-58.

- Keller, D. (1985), *Archaeological Survey in Southern Euboea, Greece: A Reconstruction of Human Activity from Neolithic Times through the Byzantine Period*. Ph.D. Dissertation, University of Indiana, Bloomington.
- Керамидчиев, А. (1981-1982), 'Експлоатација на мермерите во античко време', *Macedoniae Acta Archaeologica* 7-8: 109-24.
- Klein, M. J. (1988), *Untersuchungen zu den kaiserlichen Steinbrüchen an Mons Porphyrites und Mons Claudianus in der Östlichen Wüste Ägyptens* (Habelts Dissertationsdrucke reihe alte Geschichte, Heft 26). Bonn.
- Klemm, R. and D. Klemm (1993), *Steine und Steinbrüchen im Alten Ägypten*. Berlin.
- (2008), *Stones and Quarries in Ancient Egypt*, Revised and translated edn. London.
- Koch, G. (1993), *Sarkophage der römischen Kaiserzeit*. Darmstadt.
- Koželj, T., A. Lambraki, A. Muller, and J. O. Sodini (1985), 'Sarcophages découvertes dans les carrières de Saliari (Thasos)', in P. Pensabene (ed.), *Marmi antichi: problemi d'impiego, di restauro e d'identificazione* (Studi Miscellanei 26). Rome: 75-82.
- Koželj, T., A. Muller, and J. O. Sodini (1981), 'Carrières de marbre de la region de Saliari', *Bulletin de Correspondance Hellénique* 105: 961-63.
- (1982), 'Les carrières de marbre. Travaux de l'École Française en Grèce en 1981', *Bulletin de Correspondance Hellénique* 106: 676-77.
- Kraus, T. (1975-1976), 'Prolegomena ad un'indagine sulla scultura in scisto verde del Uadi Hammamat', *Rendicoti della Pontificia Accademia Romana di Archeologia* 48: 165-89.
- Kraus, T. and J. Röder (1962), 'Mons Claudianus. Bericht über eine erste Erkundungsfahrt im Marz 1961', *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 18: 80-116.
- (1962), 'Voruntersuchungen am Mons Claudianus im Marz 1961', *Archäologischer Anzeiger* 77: 693-745.
- Kraus, T., J. Röder, and W. Müller-Wiener (1967), 'Mons Claudianus – Mons Porphyrites. Bericht über die zweite Forschungsreise 1964', *Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo* 22: 108-205.
- Lamberto, V. and P. Sá Caetano (2008), 'Marble stones from Lusitania: the quarries of the Estremoz anticline', in T. Nogales and J. Beltrán (eds.), *Marmora Hispania: explotación y uso de los materiales pétreos en la Hispania romana* (Hispania Antigua, Serie Arqueológica 2). Rome: 467-81.
- Lambraki, A. (1978), 'Les roches vertes. Étude sur les marbres de la Grèce exploités aux époques romaine et paléochrétienne', PhD Dissertation, Université de Paris I.
- (1980), 'Le cipolin de la Karystie. Contribution à l'étude des marbres de la Grèce exploités aux époques romaine et paléochrétienne', *Revue Archéologique*: 31-62.
- (1982), 'L'emploi de la scie lisse en tant qu'outil de carrier, en Grèce, à l'époque paléochrétienne', *Troisièmes Journées de l'Industrie Minérale: le Marbre. Château de Namur (Citadelle) - 16, 17 et 18 novembre 1981* (=Bulletin des Musées Royaux d'Art et d'Histoire, Bruxelles, 53.2). Brussels: 81-88.
- Lanciani, R. (1903), 'Le antichità del territorio Laurentino nella Reale tenuta di Castelporziano', *Monumenti Antichi* 13: 133-98.
- Langdon, M. K. (1988), 'Hymettiana II: an ancient quarry on Mt. Hymettos', *American Journal of Archaeology* 92: 75-83.
- Lapiente, P. and P. Blanc (2002), 'Marbles from Hispania: scientific approach based on cathodoluminescence', in J. Herrmann, N. Herz, and R. Newman (eds.), *ASMOSIA 5. Interdisciplinary Studies on Ancient Stone*. London: 143-51.
- Laquente, P., M. Preite Martinez, B. Turi, and P. Blanc (2002), 'Characterization of dolomitic marbles from the Malaga Province (Spain)', in J. Herrmann, N. Herz, and R. Newman (eds.), *ASMOSIA 5. Interdisciplinary Studies on Ancient Stone*. London: 152-62.
- Laville, L. (1963), 'Découverte d'une carrière gallo-romaine spécialisée dans la fabrication de meules à grain domestiques à St.-Christophe-le-Chaudry', *Revue Archéologique du Centre* 2: 146-51.
- Lazzarini, L. (1987), 'I graniti dei monumenti italiani e i loro problemi di deterioramento', *Bollettino d'Arte Suppl. al n. 41* (II): 157-72.
- (1992), 'Des pierres pour l'éternité', *Les Dossiers d'Archéologie* 173: 58-67.
- (2002a), 'A new grey marble from Gortyna (Crete) used in Greek and Roman antiquity', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 227-32.
- (2002b), 'The origin and characterization of 'breccia nuvolata', 'marmor sagarium' and 'marmor triponticum'', in J. Herrmann, N. Herz, and R. Newman (eds.), *ASMOSIA 5. Interdisciplinary Studies on Ancient Stone*. London: 58-67.
- (ed., 2004), *Pietre e marmi antichi. Natura, caratterizzazione, origine, storia d'uso, diffusione, collezionismo*. Padua.
- (2007), *Poikiloi Lithoi, Versicolores Maculae: i marmi colorati della Grecia antica. Storia, uso, diffusione, cave*,

- geologia, caratterizzazione scientifica, archeometria, deterioramento*. Pisa and Rome.
- Lazzarini, L., M. Agus, and S. Cara (2006), 'The ancient quarries of the *neri antichi* (black limestones) from Zeugitania (Tunisia)', *Marmora* 2: 59-70.
- Lazzarini, L., F. Antonelli, S. Cancelliere, B. Turi, and M. Varti-Matarangas (2002), 'Marmor Chalcidicum (Fior di Pesco): source, history of use and scientific characterization', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 233-40.
- Lazzarini, L., G. Moschini, M. Waelkens, and H. Xusheng (1985), 'New light on some Phrygian marble quarries through a petrological study and the evaluation of Ca/Sr ratio', in P. Pensabene (ed.), *Marmi antichi: problemi d'impiego, di restauro e d'identificazione* (Studi Miscellanei 26). Rome: 41-46.
- Lazzarini, L., P. Pensabene, and B. Turi (1999), 'Isotopic and petrographic characterization of Marmor Lesbium, island of Lesbos, Greece', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 125-29.
- Lazzarini, L., G. Ponti, M. Preite Martinez, P. Rockwell, and B. Turi (2002), 'Historical, technical, petrographic, and isotopic features of Aphrodisian marble', in J. Herrmann, N. Herz, and R. Newman (eds.), *ASMOSIA 5. Interdisciplinary Studies on Ancient Stone*. London: 163-68.
- Lazzarini, L. and C. Sangati (2004), 'I più importanti marmi e pietre colorati usati dagli antichi', in L. Lazzarini (ed.), *Pietre e marmi antichi. Natura, caratterizzazione, origine, storia d'uso, diffusione, collezionismo* Padua: 73-100.
- Lazzarini, L., D. Visonà, M. Giamello, and I. Villa (2012), 'Archaeometric characterisation of one Tunisian and two Italian calcareous alabasters used in antiquity', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 436-44.
- Le Roy, C. (1961), 'Lakonika I. Un relief aux Dioscures à Krokeai', *Bulletin de Correspondance Hellénique* 85: 206-35.
- Lehner, H. (1921), 'Ein Tuffsteinbruch der ober- und niedergermanischen Heeres bei Krufft', *Germania* 5: 130-33.
- Lepsius, G. R. (1890), *Griechische Marmorstudien*. Berlin.
- Leveau, P. (1984), *Caesarea du Maurétanie. Une ville romaine et ses campagnes* (Collection de l'École Française de Rome, 70). Paris.
- Long, L. (2012), 'The regional marble quarries', in C. Ratté and P. De Staebler (eds.), *The Aphrodisias Regional Survey Project* (Aphrodisias 5). Mainz: 165-201.
- Lopreato, P. (1989), 'Nachweise im Gebiet nordwestlich von Aquileia/Presence in the north-western territory of Aquileia', in F. Cucchi and S. Gerdol (eds.), *Der Naturstein aus dem Triester Karst*, 2nd edn. Trieste: 25-28.
- Lorenz, C. (1995), 'Pierres de construction et pierres de decoration: deux ensembles différents quant à l'extraction, l'approvisionnement, le transport et l'importance des volumes', in A. Alvarez Pérez, et al. (eds.), *Les marbres blancs des Pyrénées: approches scientifiques et historiques*. Saint-Bertrand-de-Comminges: 87-92.
- Lucas, A. and R. Harris (1962), *Ancient Egyptian Materials and Industries*. London.
- Lucci, M. L. (1964), 'Il porfido nell' antichità', *Archeologia Classica* 16: 226-71.
- Lukas, D. (2002), 'Carrières et extraction romaines dans le nord-est de la Gaule et en Rhénanie', *Gallia* 59: 156-74.
- Machatschek, A. and M. Schwartz (1980), *Bauforschung in Selge* (Ergänzungsbände zu den Tituli Asiae Minoris, 9). Vienna.
- Maier, F. G. and V. Karageorghis (1984), *Paphos: History and Archaeology*. Nicosia.
- Maligorne, Y., J.-Y. Éveillard, and L. Chauris (2002), 'Extraction et utilisation des granites en Armorique romaine : l'exemple de la carrière de Locuon en Ploërdut (Morbihan)', *Gallia* 59: 133-43.
- Mañas, I. and A. Fusco (2008), 'Canteras de Lusitania. Un análisis arqueológico', in T. Nogales and J. Beltrán (eds.), *Marmora Hispania: explotación y uso de los materiales pétreos en la Hispania Romana*. Rome: 481-522.
- Mangartz, F. (1998), *Die antiken Steinbrüche der Hohen Buche bei Andernach* (Vulkanpark-Forschungen: Untersuchungen zur Landschafts- und Kulturgeschichte, Band 1). Mainz.
- (2000), 'Römerzeitlicher Abbau von Basaltlava in der Osteifel: ein bedeutender Wirtschaftszweig der Nordwestprovinzen', *Steinbruch und Bergwerk: Denkmäler römischer Technikgeschichte zwischen Eifel und Rhein*. Mainz: 6-16.
- Mari, Z. (1991), 'La cava romana del Barco e l'uso del Travertino in area tiburtina', in R. Cappelli (ed.), *Il Travertino, 'Marmo del Lazio'*. Rome: 9-10.
- Maršić, D. (2007), 'Novi Heraklov žrtvenik iz Trogira', *Archaeologia Adriatica* 1: 111-28.
- Martínez-Torres, L. M., L. Eguíluz, M. Loza Uriarte, and J. Niso (2012), 'Almándoiz marble from Navarra in the Arcaya Roman thermae in Álava (Northern Spain)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 142-45.
- Maselli Scotti, F. (1989), 'Die Verwendung in Tergeste und auf dessen Gebiet/Use in Tergeste and surrounding area', in F. Cucchi and S. Gerdol (eds.), *Der Naturstein aus dem Triester Karst*, 2nd edn. Trieste: 29-33.
- Mauzy, C. A. (2006), *Agora Excavations, 1931-2006: a pictorial history*. Athens.

- Maxfield, V. and D. Peacock (2001a), *The Roman Imperial Quarries: Survey and Excavation at Mons Porphyrites, 1994-1998. Volume I: Topography and Quarries* (Egypt Exploration Society, Sixty-Seventh Excavation Memoir). Exeter.
- (2001b), *Survey and Excavation - Mons Claudianus, 1987-1993. Volume II: Excavations: Part I* (Fouilles de l'Institut Français d'Archéologie Orientale, 43). Cairo.
- Mayer, M. (1992), 'L'exploitation des ressources lapidaires en Hispania', *Les Dossiers d'Archéologie* 173: 16-20.
- (1998), 'Sobre las calizas amarillas de la franja costera de la Hispania Citerior', in P. Pensabene (ed.), *Marmi antichi II: cave e tecnica di lavorazione, provenienze e distribuzione* (Studi Miscellanei 31). Rome: 99-110.
- Mayer, M. and I. Rodà de Llanza (1998), 'The use of marble and decorative stones in Roman Baetica', in S. Keay (ed.), *The Archaeology of Early Roman Baetica* (JRA Supplementary Series, Number 29). Portsmouth, Rhode Island: 99-110.
- Mazeran, R. (1999), 'Les brèches exploitées comme marbre dans le Sud-Est de la France à l'époque romaine', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 335-38.
- (2004), 'L'exploitation du porphyre bleu de l'Estérel à l'époque romaine', in P. Chardron-Picault, et al. (eds.), *Les roches décoratives dans l'architecture antique et du Haut Moyen Âge* (Archéologie et d'histoire de l'art, 16). Paris: 129-36.
- Meloni, S. and M. Oddone (2002), 'Provenance studies of archaeological marbles from the Museum of Como by neutron activation analysis and data reduction', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 369-73.
- Meredith, D. (1952), 'The Roman remains in the Eastern Desert of Egypt. Part 1', *Journal of Egyptian Archaeology* 38: 94-111.
- (1953), 'The Roman remains in the Eastern Desert of Egypt. Part 2', *Journal of Egyptian Archaeology* 39: 95-106.
- Meredith, D. and L. A. Tregenza (1950), 'Mons Porphyrites: the North-West Village and Quarries', *Bulletin of the Faculty of Arts, Fouad I University* 12 (1): 131-47.
- Mielsch, H. (1985), *Buntmarmore aus Rom in Antikenmuseum Berlin*. Berlin.
- Millar, R. and H. Williams (1993), 'The Roman quarry at Moria, Mytilene', *Echos du Monde Classique/Classical Views* 37 (2): 211-24.
- Miró, C. and E. Revilla (2012), 'The Roman quarry at Montjuïc (Barcelona, Spain)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 680-88.
- Mocchegiani Carpano, C. (1975-1976), 'Rapporto preliminare sulle indagini nel tratto urbano del Tevere', *Rendicotti della Pontificia Accademia Romana di Archeologia* 48: 239-62.
- Money, D. K. (1990), 'Lions of the mountains: the sarcophagi of Balbura', *Anatolian Studies* 40: 29-54.
- Monna, D. and P. Pensabene (1977), *Marmi dell'Asia Minore*. Rome.
- Monthel, G. and P.-Y. Lambert (2002), 'La carrière gallo-romaine de Saint-Boil (Saône-et-Loire)', *Gallia* 59: 89-120.
- Monthel, G. and M. Pinette (1977), 'La carrière gallo-romaine de Saint-Boil', *Revue Archéologique de l'Est et du Centre-Est* 28: 37-61.
- Müller, H. W., B. Schwaighoffer, M. Benea, I. Piso, and A. Diaconescu (1999), 'Marbles in the Roman province of Dacia', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 131-40.
- Niewöhner, P. and W. Prochaska (2011), 'Konstantinopolitanisches Formenrepertoire in Mazedonien: zur Bischofskirche von Stobi und den Marmorbrüchen von Prilep', *Mitteilungen des Deutschen Archäologischen Instituts, Römische Abteilung* 61: 433-39.
- Nogales, T., L. J. Rodrigues, and P. Lapuente Mercadal (2008), 'Materiales lapídeos, mármoles y talleres en Lusitania', in T. Nogales and J. Beltrán (eds.), *Marmora Hispania: explotación y uso de los materiales pétreos en la Hispania romana* (Hispania Antigua, Serie Arqueológica 2). Rome: 406-66.
- Ober, J. (1981), 'Rock-cut inscriptions from Mt. Hymettos', *Hesperia. Journal of the American School of Classical Studies at Athens* 50: 68-77.
- Ørsted, P. (2000), 'Production and population', in P. Ørsted, et al. (eds.), *Africa Proconsularis. Regional Studies in the Segermes Valley of Northern Tunisia. Volume III: Historical Conclusions*. Aarhus: 70-76.
- Palágyi, S. and B. Raucsik (2009), 'Rotsandstein-Steinmetzarbeiten aus dem Balaton-Oberland (Pannonia) und Identifizierungsmöglichkeiten der vermuteten Steinbrüche', in V. Gaggadis-Robin, et al. (eds.), *Les ateliers de sculpture régionaux: techniques, styles et iconographie. Actes du Xe colloque international sur l'art provincial romain, Arles et Aix-en-Provence, 21-23 Mai 2007*. Arles: 693-705.
- Papageorgakis, J. (1963), 'Die antiken Marmorbrüche von Thessalien', *Praktika tes Akademias Athenon (Πρακτικά της Ακαδημίας Αθηνών)* 38: 563-72.



- Paskoff, R. and P. Troussel (2004), 'Les activités littorales et halieutiques', in H. Slim, et al. (eds.), *Le littoral de la Tunisie. Étude géoarchéologique et historique* (Études Archéologiques Africaines). Paris: 255-98.
- Paton, S. and R. M. Schneider (1999), 'Imperial splendour in the province: imported marble on Roman Crete', in A. Chaniotis (ed.), *From Minoan Farmers to Roman Traders. Sidelights on the Economy of Crete* (Heidelberger Althistorische Beiträge und Epigraphische Studien, Band 29). Stuttgart: 279-304.
- Peacock, D. (1995), 'The *Passio Sanctorum Quattuor Coronatorum*: a petrological approach', *Antiquity* 69: 362-68.
- Peacock, D. and V. Maxfield (1997), *Survey and Excavation - Mons Claudianus, 1987-1993. Volume I: Topography & Quarries* (Fouilles de l'Institut Français d'Archéologie Orientale, 37). Cairo.
- Pearson, A. (2006), *The Work of Giants. Stone and Quarrying in Roman Britain*. Stroud.
- Pensabene, P. (1976), 'Sull'impiego del marmo di Cap de Garde: condizioni giuridiche e significato economico delle cave in età imperiale', *Studi Miscellanei* 22: 177-90.
- (1978), 'A cargo of marble shipwrecked at Punta Scifo near Crotona (Italy)', *The International Journal of Nautical Archaeology and Underwater Exploration* 7.2: 105-18.
- (1981), 'Nota sullo stadio di lavorazione e la tipologia dei sarcophagi a ghirlande microasiatici esportati in occidente', *Dialoghi di Archeologia (N.S. I)* 3: 85-108.
- (1998), 'Contributo allo studio delle cave di Lesbo', in P. Pensabene (ed.), *Marmi antichi II: cave e tecnica di lavorazione, provenienze e distribuzione* (Studi Miscellanei 31). Rome: 175-206.
- (1998), 'Le colonne sbazzate di cipollino nei distretti di Myloi e di Aetos (Karystos)', in P. Pensabene (ed.), *Marmi antichi II: cave e tecnica di lavorazione, provenienze e distribuzione* (Studi Miscellanei 31). Rome: 311-26.
- (2002), 'Le principali cave di marmo bianco', in M. De Nuccio and L. Ungara (eds.), *I marmi colorati della Roma imperiale*. Padua: 203-22.
- Pensabene, P. and L. Lazzarini (1998), 'Il problema del bigio antico e del bigio morato: contributo allo studio delle cave di Teos e di Chios', in P. Pensabene (ed.), *Marmi antichi II: cave e tecnica di lavorazione, provenienze e distribuzione* (Studi Miscellanei 31). Rome: 141-74.
- Peschlow-Bindoket, A. (1981), 'Die Steinbrüche von Milet und Heracleia am Latmos', *Jahrbuch des deutschen archäologischen Instituts* 96: 157-235.
- Peyras, J. (1991), *Le Tell nord-est tunisien dans l'antiquité. Essai de monographie régionale* (Études d'Antiquités Africaines). Paris.
- Pike, S. (1999), 'Preliminary results of a systematic characterization study of Mount Pentelikon, Attica, Greece', in M. Schvoerer (ed.), *Archéomatériaux: marbres et autres roches*. Bordeaux: 165-70.
- Pivko, D. (2012), 'Miocene limestone as dressed stone for Carnuntum Roman town and surrounding settlements in Upper Pannonia (Austria, Slovakia, Hungary)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 480-86.
- Pizzo, A. (2010), 'El aprovisionamiento de los materiales constructivos en la arquitectura de Augusta Emerita: las canteras de granito', in S. Camporeale, H. Dessales, and A. Pizzo (eds.), *Arqueología de la construcción II. Los procesos constructivos en el mundo romano: Italia y provincias orientales* (Anejos de Archivo Español de Arqueología 57). Madrid: 571-88.
- Poggi, D. and L. Lazzarini (2005), 'Il granito sardo: cave e cavatura, usi, diffusione e aspetti archeometrici', *Marmora* 1: 49-68.
- Ponti, G. (1995), 'Marmor Troadense. Granite quarries in the Troad', *Studia Troica* 5: 291-320.
- (1996), 'Ancient quarrying at Aphrodisias in the light of geological configuration', in C. Roueché and R. R. R. Smith (eds.), *Aphrodisias Papers 3. The setting and quarries, mythological and other sculptural decoration, architectural development, Portico of Tiberius, and Tetrapylon* (Journal of Roman Archaeology Supplement 20). Ann Arbor: 105-10.
- Pralong, A. (1980), 'Trouvailles dans une carrière phrygienne inconnue: une inscription rupestre et un sarcophage 'in situ'', *Revue Archéologique*: 251-62.
- Prochaska, W. and S. M. Grillo (2012), 'The marble quarries of the metropolis of Ephesos and some examples of the use of marbles in Ephesian architecture and sculpturing', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 584-91.
- Quilici, L. and S. Quilici Gigli (1993), *Ficulea* (Latium Vetus, 6). Rome.
- Rababeh, S. M. (2005), *How Petra was Built: An Analysis of the Construction Techniques of the Nabataean Freestanding Building and Rock-Cut Monuments in Petra, Jordan* (BAR International Series, 1460). Oxford.
- Rădulescu, A. (1972), 'Aspecte privind exploatarea pietrei în Dobrogea română', *Pontica* 5: 177-204.
- Rakob, F. (1984), 'Deutsche Ausgrabungen in Karthago. Die punischen Befunde', *Mitteilungen des Deutschen*

- Archäologischen Instituts, Römische Abteilung* 91: 1-22.
- (ed., 1993), *Simitthus I: die Steinbrüche und die antike Stadt*. Mainz am Rhein.
- (1994a), 'Das römische Steinbruchlager (Praesidium) in Simitthus', in F. Rakob (ed.), *Der Tempelberg und das römische Lager. Vol. II, Simitthus*. Mainz am Rhein: 51-140.
- (ed., 1994b), *Simitthus II: der Tempelberg und das römische Lager*. Mainz am Rhein.
- (1995a), 'Chemtou/Simitthus: the world of labour in ancient Rome', in M. Horton and T. Wiedemann (eds.), *North Africa from Antiquity to Islam. Papers of a conference held at Bristol, October 1994*. Bristol: 39-44.
- (1995b), 'Les carriers antiques en Tunisie', *Les Dossiers d'Archéologie* 200: 62-69.
- Ramallo Asensio, S. F. and R. Arana Castillo (1987), *Canteras Romanas de Carthago Nova y Alrededores (Hispania Citerior)*. Murcia.
- Renfrew, C. and J. Springer Peacy (1968), 'Aegean marble. A petrological study', *Publications of the British School at Athens* 63: 45-66.
- Rockwell, P. (1996), 'The marble quarries: a preliminary study', in C. Roueché and R. R. R. Smith (eds.), *Aphrodisias Papers 3. The setting and quarries, mythological and other sculptural decoration, architectural development, Portico of Tiberius, and Tetrapylon* (Journal of Roman Archaeology Supplement 20). Ann Arbor: 81-104.
- Röder, G. (1988), 'Numidian marble and some of its specialities', in N. Herz and M. Waelkens (eds.), *Classical Marble: Geochemistry, Technology, Trade*. Dordrecht: 91-96.
- (1992), 'Felsberg granite as a substitute for Claudianus granite', in M. Waelkens, N. Herz, and J.-L. Moens (eds.), *Ancient Stones: Quarrying, Trade and Provenance* (Acta Archaeologica Lovaniensia, Monographiae 4). Leuven: 131-35.
- Röder, J. (1957), 'Die antiken Tuffsteinbrüche der Pellenz', *Bonner Jahrbücher* 157: 213-71.
- (1965), 'Zur Steinbruchgeschichte des Rosen-granits von Assuan', *Archäologischer Anzeiger*: 467-552.
- (1967), 'Die antiken Steinbrüche in der Mareotis', *Archäologischer Anzeiger*: 118-31.
- (1971), 'Marmor phrygium. Die antiken Marmorbrüche von Iscehisar in Westanatolien', *Jahrbuch des deutschen archäologischen Instituts* 86: 253-312.
- (1974), 'Römische Steinbruchtätigkeit am Drachenfels', *Bonner Jahrbücher* 174: 509-44.
- Rodríguez, O., J. Beltrán, P. López Aldana, E. Ontiveros, and R. Taylor (2012), 'The quarries of Almadén de la Plata (Seville, Spain): new data from the recent archaeological interventions', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 645-51.
- Roffia, E., R. Bugini, and L. Folli (2009), 'Stone materials of the Roman villas around Lake Garda (Italy)', in Y. Maniatis (ed.), *ASMOSIA VII* (BCH Supplement 51). Athens: 559-70.
- Ronchetta, D. (1987), 'Necropoli', *Hierapolis di Frigia, 1957-1987*. Turin: 104-12.
- Rüger, C. B. (1997), 'Zu Marmorschalen in Chemtou', *Mitteilungen des Deutschen Archäologischen Instituts, Römische Abteilung* 104: 379-85.
- Ruprechtsberger, E. M. (1999), *Vom Steinbruch zum Jupitertempel von Heliopolis/Baalbek (Libanon)* (Linzer archäologische Forschungen, Band 30). Linz.
- Russell, B. J. (forthcoming), *The Economics of the Roman Stone Trade*. Oxford.
- Russell, B. J. and S. Fachard (2012), 'New work on quarrying in the territory of Eretria, Euboea', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 612-18.
- Salán, M. (2012), 'Espejón marmor and its use in Roman Hispania', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 146-50.
- Šarić, I. (1980), 'Antički kamenolom u Prozoru', in M. Suić and M. Zaninović (eds.), *Materijali, tehnike i strukture predantičkog i antičkog graditeljstva na istočnom jadranskom prostoru. Znanstveni kolokvij održan u Zadru od 6-8. XII 1976*. Zagreb.
- Scardozzi, G. (2010), 'Hierapolis di Frigia, dalle cave ai cantieri di demolizione: l'approvvigionamento di material lapidei nella città di età imperiale e proto-bizantina', in S. Camporeale, H. Dessales, and A. Pizzo (eds.), *Arqueología de la construcción II. Los procesos constructivos en el mundo romano: Italia y provincias orientales* (Anejos de Archivo Español de Arqueología 57). Madrid: 351-74.
- (2012), 'Ancient marble and alabaster quarries near Hierapolis in Phrygia (Turkey): new data from archaeological surveys', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 573-84.
- Schaaf, H. (2000), 'Antike Tuffbergwerke in der Pellenz', *Steinbruch und Bergwerk: Denkmäler römischer*

- Technikgeschichte zwischen Eifel und Rhein. Kataloghandbuch zu den Ausstellungen in den Museen von Mayen und Andernach*. Mainz: 17-30.
- Schattner, T. G. and G. Ovejero (2008), 'Mármol en Munigua', in T. Nogales and J. Beltrán (eds.), *Marmora Hispania: explotación y uso de los materiales pétreos en la Hispania romana* (Hispania Antigua, Serie Arqueológica 2). Rome: 285-312.
- Schilardi, D. U. (2000), 'Observations on the quarries of Spilies, Lakkoí and Thapsana on Paros', in D. U. Schilardi and D. Katsonopoulou (eds.), *Παρια Λίθος: λατομεία, μαρμαρο και εργαστήρια γλυπτικής της Παρου (Paria Lithos: Parian Quarries, Marble and Workshops of Sculpture)*. Athens: 35-60.
- Schmidt-Colinet, A. (1990), 'Considérations sur les carrières de Palmyre en Syrie', in M. Waelkens (ed.), *Pierre Éternelle du Nil au Rhin. Carrières et Prefabrication*. Paris: 87-92.
- Serdaroğlu, Ü. (1990), 'Zur Geschichte der Stadt Assos und ihrer Ausgrabungen', in Ü. Serdaroğlu, R. Stupperich, and E. Schwertheim (eds.), *Ausgrabungen in Assos* (Asia Minor Studien, Band 2). Bonn: 1-6.
- Sidebotham, S. E. (1996), 'Newly discovered sites in the Eastern Desert', *Journal of Egyptian Archaeology* 82: 181-92.
- Sidebotham, S. E., H. Branard, J. A. Harrell, and R. S. Tomber (2001), 'The Roman quarry and installations in the Wadi Umm Wikala and Wadi Semna', *Journal of Egyptian Archaeology* 87: 135-70.
- Simyoni, D. (1960), 'Sull'origine del toponimo 'quinque ecclesiae' di Pécs', *Acta Antiqua Academiae Scientiarum Hungaricae* 8: 165-84.
- Škegro, A. (2006), 'The economy of Roman Dalmatia', in D. Davison, V. Gaffney, and E. Marin (eds.), *Dalmatia. Research in the Roman Province 1970-2001: Papers in honour of J. J. Wilkes* (BAR International Series, Number 1576). Oxford: 149-74.
- Slim, H., P. Troussset, R. Paskoff, and A. Oueslati (eds. 2004), *Le littoral de la Tunisie. Étude géoarchéologique et historique* (Études d'Antiquités Africaines). Paris.
- Solano, A. (1985), 'Su una cava romana di granito a Nicotera', in P. Pensabene (ed.), *Marmi antichi: problemi d'impiego, di restauro e d'identificazione* (Studi Miscellanei 26). Rome: 83-96.
- Soler, B. (2008), 'Los marmora de la Tarraconense y su difusión en Carthago Nova. Balance y perspectivas', in T. Nogales and J. Beltrán (eds.), *Marmora Hispania: explotación y uso de los materiales pétreos en la Hispania romana* (Hispania Antigua, Serie Arqueológica 2): 121-65.
- Staehein, F. (1948), *Die Schweiz in römischer Zeit*, 3rd edn. Basel.
- Stanier, P. (2000), *Stone Quarry Landscapes: the industrial archaeology of quarrying*. Stroud.
- Storemyr, P., T. Haldal, E. Bloxam, and J. A. Harrell (2009), 'New evidence of small-scale Roman basalt quarrying in Egypt: Widan el-Faras in the northern Faiyum desert and Tilal Sawda by El-Minya', in Y. Maniatis (ed.), *ASMOSIA VII* (BCH Supplement 51). Athens: 243-56.
- Sumaka'I Fink, A. (2000), 'Quarries and quarrying methods at Ramat Hanadiv', in Y. Hirschfeld (ed.), *Ramat Hanadiv Excavations. Final Report of the 1984-1998 Seasons*. Jerusalem: 628-36.
- Sutherland, J. and A. Sutherland (2002), 'Roman marble quarrying near Karystos Southern Euboea', *Journal of Cultural Heritage* 3 (4): 251-59.
- Taelman, D., F. Vermeulen, M. De Dapper, and P. De Paepe (2012), 'The stones of Ammaia (Portugal): use and provenance', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX* (Documenta 23). Tarragona: 117-26.
- Tomović, M. (1993), *Roman Sculpture in Upper Moesia* (Archaeological Institute, Beograd, Monograph No. 24). Belgrade.
- Toubal, A. (1995), 'Les mines et les carrières en Numidie. Exploitations antiques', in P. Troussset (ed.), *Production et exportations africaines. Actualités archéologiques en Afrique du Nord antique et médiévale. VIe Colloque International sur l'Histoire et l'Archéologie de l'Afrique du Nord*. Rome: 275-334.
- Tréziny, H. (2009), 'La pierre de construction à Marseille de l'antiquité aux temps modernes', in P. Jockey (ed.), *Leukos lithos. Marbres et autres roches de la Méditerranée antique: études interdisciplinaires. Actes du VIIIe colloque international de l'Association for the Study of Marble and Other Stones in Antiquity (ASMOSIA), Aix-en-Provence, 12-18 juin 2006* (Collection L'atelier méditerranéen). Paris: 203-12.
- Tsafir, Y. and G. Foerster (1997), 'Urbanism at Scythopolis-Bet Shean in the fourth to seventh centuries', *Dumbarton Oaks Papers* 51: 85-146.
- Tsoflias, P. (1982), 'Les carrières antiques de marbre de l'Eubée du Sud', *Troisièmes Journées de l'Industrie Minérale: le Marbre. Château de Namur (Citadelle) - 16, 17 et 18 novembre 1981* (=Bulletin des Musées Royaux d'Art et d'Histoire, Bruxelles, 53.2). Brussels: 71-79.
- Türk, N., S. Çakıcı, D. M. Uz, S. Akça, and K. Geyik (1988), 'The geology, quarrying technology and use of Beylerköy marbles in western Turkey', in N. Herz and M. Waelkens (eds.), *Classical Marble: Geochemistry, Technology,*

- Trade*. Dordrecht: 85-90.
- Vakoulis, T., K. Polykreti, C. Saatsoglou-Paliadeli, and Y. Maniatis (2002), 'Marble quarries in central and western Macedonia, Greece: survey and proven determination with EPR spectroscopy', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 247-58.
- Vanhaverbeke, H. and M. Waelkens (2002), 'The northwestern necropolis of Hierapolis (Phrygia). The chronological and topographical distribution of the travertine sarcophagi and their way of production', in D. De Bernardi (ed.), *Hierapolis. Scavi e Ricerche, IV: Saggi in Onore Di Paolo Verzone*. Rome: 119-46.
- Vanhove, D. (1989), 'À propos d'un fût de colonne dans une carrière de Krio Nero près de Styra en Eubée', *L'Antiquité Classique* 58: 226-30.
- (1996), *Roman Marble Quarries in Southern Euboea and the Associated Road Systems*. Leiden.
- Veloccia Rinaldi, M. L. (1991), 'Il Travertino nell'architettura romana', in R. Cappelli (ed.), *Il Travertino, 'Marmo del Lazio'*. Rome: 7-8.
- Vetters, W. (1990), 'Ancient quarries around Ephesus and examples of ancient stone-technologies', in P. G. Marinos and G. C. Koukis (eds.), *The Engineering Geology of Ancient Works, Monuments and Historical Sites: Preservation and Protection*. Rotterdam: 2067-78.
- Waelkens, M. (1982), 'Carrières de marbre en Phrygie (Turquie)', *Troisièmes Journées de l'Industrie Minérale: le Marbre. Château de Namur (Citadelle) - 16, 17 et 18 novembre 1981 (=Bulletin des Musées Royaux d'Art et d'Histoire, Bruxelles, 53.2)*. Brussels: 33-55.
- (1986), *Die kleinasiatischen Türsteine. Typologische und epigraphische Untersuchungen der kleinasiatischen Grabreliefs mit Scheintür*. Mainz.
- (1990), 'Technique de carrière, préfaçonnage et ateliers dans les civilisation classiques (mondes grec et romain)', in M. Waelkens (ed.), *Pierre Éternelle du Nil au Rhin. Carrières et Prefabrication*. Brussels: 53-72.
- (1992), 'Carrières et marbres de l'Asie Mineure', *Les Dossiers d'Archéologie* 173: 22-29.
- Waelkens, M., P. de Paepe, and L. Moens (1986), 'Survey in the white marble quarries of Anatolia', *Araştırma Sonuçları Toplantısı* 4: 113-26.
- Walker, S. (1984), 'Marble origins by isotopic analysis', *World Archaeology* 16.2: 204-21.
- Wallace, M., D. Keller, J. Wickens, and R. Lamberton (2006), 'The Southern Euboea Exploration Project: 25 years of archaeological research', in M. Chidioglou and A. Chatzidimitriou (eds.), *Antiquities of Karystos*. Karystos: 18-51.
- Ward, P. (1970), *Sabratha. A Guide for Visitors*. Harrow.
- Ward-Perkins, J. B. (1951), 'Tripolitania and the marble trade', *Journal of Roman Studies* 41: 89-104.
- (1980a), 'Nicomedia and the marble trade', *Papers of the British School at Rome* 48: 23-69.
- (1980b), 'The marble trade and its organization: evidence from Nicomedia', in J. H. D'Arms and E. C. Kopff (eds.), *The Seaborne Commerce of Ancient Rome: Studies in Archaeology and History (Memoirs of the American Academy in Rome, XXXVI)*. Rome: 325-36.
- Wilkes, J. J. (1969), *Dalmatia (History of the Provinces of the Roman Empire)*. London.
- Williams, D. F. and D. Peacock (2002), 'The use of Purbeck marble in Roman and Medieval Britain', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 135-40.
- Williams-Thorpe, O. and P. J. Potts (2002), 'Geochemical and magnetic provenancing of Roman granite columns from Andalucía and Extremadura, Spain', *Oxford Journal of Archaeology* 21: 167-94.
- Williams-Thorpe, O. and I. J. Rigby (2006), 'Roman granites of Sardinia: geochemical and magnetic characterisation of columns and quarries, and comments on distributions in the Mediterranean area', *Marmora* 2: 83-112.
- Wilson, R. J. A. (1988), 'Ancient granite quarries on the Bocche di Bonifacio', in N. Herz and M. Waelkens (eds.), *Classical Marble: Geochemistry, Technology, Trade*. Dordrecht: 103-12.
- (1990), *Sicily Under the Roman Empire. The Archaeology of a Roman Province, 36 BC - AD 535*. Warminster.
- Wooders, J. (2000), 'The stone', in M. Fulford and J. Timby (eds.), *Late Iron Age and Roman Silchester. Excavations on the Site of the Forum-Basilica 1977, 1980-86* (Britannia Monograph Series, No. 15). London: 83-100.
- Wurch-Koželj, M. and T. Koželj (2009), 'Quelques sarcophages rectangulaires d'époque impériale, des carrières thasiennes aux nécropoles de Thasos', in Y. Maniatis (ed.), *ASMOSIA VII* (Bulletin de Correspondence Hellénique, Supplément 51). Athens: 289-307.
- Yavuz, A. B., D. Attanasio, H. Elçi, M. Brilli, and M. Bruno (2009), 'Discovery and preliminary investigation of the Göktepe marble quarries (Muğla, Turkey): an alternative source of Aphrodisian marbles', in P. Jockey (ed.), *Leukos lithos. Marbres et autres roches de la Méditerranée antique: études interdisciplinaires. Actes du VIIIe colloque international de l'Association for the Study of Marble and Other Stones in Antiquity (ASMOSIA), Aix-en-Provence, 12-18 juin 2006* (Collection L'atelier méditerranéen). Paris: 93-109.

- Yavuz, A. B., M. Bruno, and D. Attanasio (2011), 'An updated, multi-method database of Ephesos marbles, including white, *greco scritto* and *bigio* varieties', *Archaeometry* 53 (2): 215-40.
- (2012), 'A new source of bigio antico marble: the ancient quarries of Iznik (Turkey)', in A. Gutiérrez García-Moreno, P. Lapuente Mercadal, and I. Rodà de Llanza (eds.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA IX*. Tarragona: 255-62.
- Younès, A., E. Gaied, and W. Gallala (2012), 'Identification of stone blocks used for the building of the Thysdrus and Thapsus amphitheatres in Tunisia', *Archaeometry* 54 (2): 213-29.
- Younès, A. and M. Ouaja (2009), 'The ancient underground quarries between Sullethum and Leptiminus', in P. Jockey (ed.), *Leukos lithos. Marbres et autres roches de la Méditerranée antique: études interdisciplinaires* (Collection L'atelier méditerranéen). Paris: 229-37.
- Zaugger, E. (1995), 'Geology and the development of the cultural landscape', in S. Dietz, L. L. Sebaï, and H. Ben Hassen (eds.), *Africa Proconsularis. Regional Studies in the Segermes Valley of Northern Tunisia. Volume I: Archaeological Field Work*. Aarhus: 57-84.
- Zezza, U. and L. Lazzarini (2002), '*Krokeatis Lithos* (*Lapis Lacedaemonius*): source, history of use, scientific characterization', in L. Lazzarini (ed.), *Interdisciplinary Studies on Ancient Stone. ASMOSIA VI*. Padua: 259-64.